

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041124\
 Data File : BM045151.D
 Acq On : 12 Apr 2024 01:24
 Operator : MA/JU
 Sample : PB160084BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS084

Quant Time: Apr 12 02:08:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 11 18:54:49 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/16/2024
 Supervised By :mohammad ahmed 04/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	61201	20.000	ng/u1	0.00
20) Naphthalene-d8	10.387	136	278686	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	187036	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.027	188	358915	20.000	ng/u1	0.00
79) Chrysene-d12	21.233	240	275821	20.000	ng/u1	0.00
88) Perylene-d12	23.445	264	311797	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	8054	4.914	ng/uL	0.00
4) Pyridine-d5	3.605	84	67515	15.149	ng/u1	0.00
7) Phenol-d5	6.799	99	97819	18.854	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	60406	19.542	ng/u1	0.00
11) 2-Chlorophenol-d4	7.151	132	80144	19.717	ng/u1	0.00
15) 4-Methylphenol-d8	8.328	113	80976	19.939	ng/u1	0.00
21) Nitrobenzene-d5	8.781	128	41436	19.357	ng/u1	0.00
24) 2-Nitrophenol-d4	9.493	143	45026	19.928	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	87986	21.239	ng/u1	0.00
31) 4-Chloroaniline-d4	10.545	131	113160	17.157	ng/u1	0.00
46) Dimethylphthalate-d6	13.692	166	258097	19.819	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	296110	19.247	ng/u1	0.00
54) 4-Nitrophenol-d4	14.498	143	43109	15.861	ng/u1	0.00
60) Fluorene-d10	15.269	176	215843	18.591	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	37820	17.772	ng/u1	0.00
73) Anthracene-d10	17.121	188	313422	19.412	ng/u1	0.00
81) Pyrene-d10	19.427	212	335016	24.667	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.303	264	302038	19.857	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	17368	10.147	ng/uL	89
5) Pyridine	3.622	79	149501	31.658	ng/u1	94
6) Benzaldehyde	6.787	77	106849	44.425	ng/u1	93
8) Phenol	6.828	94	205460	38.241	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.063	93	157682	37.605	ng/u1	98
12) 2-Chlorophenol	7.181	128	165711	38.852	ng/u1	99
13) 2-Methylphenol	8.063	108	150583	37.971	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.140	45	189745	37.940	ng/u1	99
16) Acetophenone	8.446	105	253920	38.458	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.434	70	131201	42.086	ng/u1	94
18) 4-Methylphenol	8.393	108	169520	39.659	ng/u1	98
19) Hexachloroethane	8.669	117	69599	37.101	ng/u1	98
22) Nitrobenzene	8.822	77	196692	37.451	ng/u1	98
23) Isophorone	9.345	82	378588	39.234	ng/u1	98
25) 2-Nitrophenol	9.522	139	97327	38.810	ng/u1	92
26) 2,4-Dimethylphenol	9.581	107	151682	31.372	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.828	93	226540	39.601	ng/u1	98
29) 2,4-Dichlorophenol	10.045	162	164873	39.393	ng/u1	96
30) Naphthalene	10.440	128	530768	35.977	ng/u1	98
32) 4-Chloroaniline	10.569	127	214073	33.357	ng/u1	98
33) Hexachlorobutadiene	10.704	225	94513	36.319	ng/u1	97
34) Caprolactam	11.381	113	54406m	38.504	ng/u1	
35) 4-Chloro-3-methylphenol	11.698	107	172305	41.414	ng/u1	98
36) 2-Methylnaphthalene	12.063	142	373966	38.823	ng/u1	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041124\
 Data File : BM045151.D
 Acq On : 12 Apr 2024 01:24
 Operator : MA/JU
 Sample : PB160084BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS084

Quant Time: Apr 12 02:08:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 11 18:54:49 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/16/2024
 Supervised By :mohammad ahmed 04/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.281	142	382823	39.273	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.434	216	186090	36.381	ng/ul	98
40) Hexachlorocyclopentadiene	12.392	237	90657	29.278	ng/ul	98
41) 2,4,6-Trichlorophenol	12.686	196	131708	39.472	ng/ul	98
42) 2,4,5-Trichlorophenol	12.763	196	142742	38.825	ng/ul	97
43) 1,1'-Biphenyl	13.092	154	496226	37.572	ng/ul	99
44) 2-Chloronaphthalene	13.133	162	385633	35.939	ng/ul	99
45) 2-Nitroaniline	13.363	65	118973	40.166	ng/ul	98
47) Dimethylphthalate	13.739	163	499359	36.686	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	103549	38.812	ng/ul	91
50) Acenaphthylene	13.986	152	635289	35.356	ng/ul	99
51) 3-Nitroaniline	14.204	138	103707	35.636	ng/ul	97
52) Acenaphthene	14.328	153	423300	35.305	ng/ul	99
53) 2,4-Dinitrophenol	14.416	184	51396	32.402	ng/ul	88
55) 4-Nitrophenol	14.516	109	75255	31.484	ng/ul	90
56) Dibenzofuran	14.669	168	576665	35.147	ng/ul	98
57) 2,4-Dinitrotoluene	14.663	165	143234	35.866	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	14.898	232	119345	37.929	ng/ul	98
59) Diethylphthalate	15.116	149	508976	36.652	ng/ul	99
61) Fluorene	15.322	166	480654	34.758	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.322	204	224406	34.622	ng/ul	95
63) 4-Nitroaniline	15.374	138	87831	33.196	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.427	198	80327	35.246	ng/ul	93
67) N-Nitrosodiphenylamine	15.545	169	397386	41.043	ng/ul	99
68) 4-Bromophenyl-phenylether	16.221	248	139762	39.982	ng/ul	97
69) Hexachlorobenzene	16.321	284	172050	37.837	ng/ul	98
70) Atrazine	16.516	200	137640	38.647	ng/ul	98
71) Pentachlorophenol	16.674	266	102298	37.036	ng/ul	98
72) Phenanthrene	17.069	178	716174	37.079	ng/ul	98
74) Anthracene	17.157	178	713846	36.131	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.045	216	187867	41.529	ng/uL	99
76) Pentachlorobenzene	14.580	250	194900	40.493	ng/uL	96
77) Carbazole	17.445	167	656491	34.460	ng/ul	99
78) Di-n-butylphthalate	18.010	149	849163	39.524	ng/ul	99
80) Fluoranthene	19.098	202	773701	48.300	ng/ul	99
82) Pyrene	19.457	202	814710	47.131	ng/ul	99
83) Butylbenzylphthalate	20.380	149	329037	45.432	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.162	252	204531	33.350	ng/ul	97
85) Benzo(a)anthracene	21.215	228	700313	37.420	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.162	149	452085	39.934	ng/ul	98
87) Chrysene	21.268	228	653773	37.473	ng/ul	100
89) Di-n-octyl phthalate	22.039	149	735574	37.496	ng/ul	100
90) Benzo(b)fluoranthene	22.786	252	719493	39.592	ng/ul	98
91) Benzo(k)fluoranthene	22.827	252	680153	37.185	ng/ul	99
93) Benzo(a)pyrene	23.350	252	599300	33.885	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.674	276	882628	38.526	ng/ul	98
95) Dibenzo(a,h)anthracene	25.686	278	721976	37.692	ng/ul	99
96) Benzo(g,h,i)perylene	26.350	276	678584	37.545	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

