

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011224\
 Data File : BP019349.D
 Acq On : 13 Jan 2024 02:03
 Operator : MA/JU
 Sample : PB158382BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS382

Quant Time: Jan 13 02:32:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 09 03:05:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/15/2024
 Supervised By :mohammad ahmed 01/16/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	146936	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.575	136	596477	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.422	164	408212	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.180	188	1029449	20.000	ng/u1	0.00
79) Chrysene-d12	21.286	240	1058827	20.000	ng/u1	0.00
88) Perylene-d12	23.639	264	1079998	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	21455	5.521	ng/uL	0.00
4) Pyridine-d5	3.634	84	321011	28.569	ng/u1	0.00
7) Phenol-d5	6.969	99	414601	29.522	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	249961	29.757	ng/u1	0.00
11) 2-Chlorophenol-d4	7.310	132	296352	30.719	ng/u1	0.00
15) 4-Methylphenol-d8	8.510	113	327924	29.433	ng/u1	0.00
21) Nitrobenzene-d5	8.946	128	151063	30.103	ng/u1	0.00
24) 2-Nitrophenol-d4	9.663	143	181256	31.087	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	365380	31.018	ng/u1	0.00
31) 4-Chloroaniline-d4	10.728	131	408438	27.449	ng/u1	0.00
46) Dimethylphthalate-d6	13.845	166	1076557	29.851	ng/u1	0.00
49) Acenaphthylene-d8	14.116	160	1146338	29.652	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	176550	31.880	ng/u1	0.00
60) Fluorene-d10	15.422	176	919512	31.142	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	232602	30.604	ng/u1	0.00
73) Anthracene-d10	17.280	188	1508538	29.381	ng/u1	0.00
81) Pyrene-d10	19.527	212	1961281	28.407	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.492	264	1856838	31.619	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	44026	10.938	ng/uL	98
5) Pyridine	3.652	79	322315	28.237	ng/u1	93
6) Benzaldehyde	6.928	77	235248	38.423	ng/u1	96
8) Phenol	6.993	94	424057	29.972	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.210	93	336475	29.649	ng/u1	99
12) 2-Chlorophenol	7.346	128	304467	30.535	ng/u1	98
13) 2-Methylphenol	8.240	108	311773	29.379	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.304	45	400344	29.647	ng/u1	100
16) Acetophenone	8.610	105	528469	29.777	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.599	70	280895	30.377	ng/u1	98
18) 4-Methylphenol	8.575	108	341049	30.188	ng/u1	94
19) Hexachloroethane	8.846	117	135276	30.036	ng/u1	98
22) Nitrobenzene	8.987	77	432254	30.791	ng/u1	99
23) Isophorone	9.516	82	816896	30.017	ng/u1	99
25) 2-Nitrophenol	9.699	139	187789	30.661	ng/u1	100
26) 2,4-Dimethylphenol	9.769	107	366938	27.786	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.998	93	463786	29.630	ng/u1	99
29) 2,4-Dichlorophenol	10.234	162	352778	31.076	ng/u1	98
30) Naphthalene	10.622	128	988248	29.403	ng/u1	100
32) 4-Chloroaniline	10.751	127	363416	24.964	ng/u1	99
33) Hexachlorobutadiene	10.898	225	291092	29.720	ng/u1	98
34) Caprolactam	11.551	113	114555m	32.177	ng/u1	
35) 4-Chloro-3-methylphenol	11.887	107	391738	31.082	ng/u1	98
36) 2-Methylnaphthalene	12.240	142	726084	29.690	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.457	142	714736	29.871	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.610	216	541937	30.636	ng/ul	98
40) Hexachlorocyclopentadiene	12.575	237	304019	26.777	ng/ul	98
41) 2,4,6-Trichlorophenol	12.857	196	345744	31.760	ng/ul	99
42) 2,4,5-Trichlorophenol	12.940	196	374022	32.060	ng/ul	99
43) 1,1'-Biphenyl	13.257	154	971561	28.811	ng/ul	99
44) 2-Chloronaphthalene	13.298	162	787708	28.884	ng/ul	99
45) 2-Nitroaniline	13.516	65	256643	32.809	ng/ul	98
47) Dimethylphthalate	13.892	163	1080114	30.135	ng/ul	100
48) 2,6-Dinitrotoluene	14.022	165	230809	32.565	ng/ul	95
50) Acenaphthylene	14.145	152	1248537	29.486	ng/ul	99
51) 3-Nitroaniline	14.351	138	196174	31.732	ng/ul	98
52) Acenaphthene	14.486	153	822979	29.663	ng/ul	98
53) 2,4-Dinitrophenol	14.563	184	147802	31.804	ng/ul	94
55) 4-Nitrophenol	14.681	109	193600	32.372	ng/ul	97
56) Dibenzofuran	14.822	168	1212928	30.536	ng/ul	99
57) 2,4-Dinitrotoluene	14.810	165	336236	33.811	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.057	232	337745	32.611	ng/ul	99
59) Diethylphthalate	15.257	149	1080563	32.216	ng/ul	99
61) Fluorene	15.475	166	1019196	31.326	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.469	204	605773	31.201	ng/ul	99
63) 4-Nitroaniline	15.522	138	190604	39.769	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.575	198	243429	30.219	ng/ul	99
67) N-Nitrosodiphenylamine	15.692	169	869453	28.650	ng/ul	99
68) 4-Bromophenyl-phenylether	16.369	248	408473	29.049	ng/ul	97
69) Hexachlorobenzene	16.481	284	480826	29.671	ng/ul	97
70) Atrazine	16.657	200	351067	26.539	ng/ul	98
71) Pentachlorophenol	16.833	266	302137	30.019	ng/ul	98
72) Phenanthrene	17.222	178	1732337	29.958	ng/ul	99
74) Anthracene	17.316	178	1740895	29.698	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.216	216	517962	27.174	ng/uL	100
76) Pentachlorobenzene	14.739	250	523648	28.281	ng/uL	99
77) Carbazole	17.598	167	1498113	30.039	ng/ul	99
78) Di-n-butylphthalate	18.145	149	1856235	31.101	ng/ul	99
80) Fluoranthene	19.198	202	2274328	27.868	ng/ul	100
82) Pyrene	19.557	202	2320651	28.016	ng/ul	99
83) Butylbenzylphthalate	20.433	149	861294	30.308	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.210	252	789056	32.821	ng/ul	100
85) Benzo(a)anthracene	21.269	228	2500010	30.331	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.192	149	1255386	30.775	ng/ul	99
87) Chrysene	21.321	228	2250337	29.867	ng/ul	100
89) Di-n-octyl phthalate	22.104	149	2149229	29.156	ng/ul	100
90) Benzo(b)fluoranthene	22.921	252	2338440	30.299	ng/ul	100
91) Benzo(k)fluoranthene	22.974	252	2334414	31.178	ng/ul	99
93) Benzo(a)pyrene	23.539	252	2138155	30.830	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.086	276	2388142	29.117	ng/ul	98
95) Dibenzo(a,h)anthracene	26.104	278	2000533	29.464	ng/ul	99
96) Benzo(g,h,i)perylene	26.839	276	1845927	28.024	ng/ul	98

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

