

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062624\
 Data File : BP020653.D
 Acq On : 26 Jun 2024 16:58
 Operator : MA/JU
 Sample : PB161716BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS716

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 26 17:26:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 25 18:30:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	141199	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.516	136	514353	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.375	164	290801	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	569410	20.000	ng/u1	0.00
79) Chrysene-d12	21.633	240	533820	20.000	ng/u1	0.00
88) Perylene-d12	24.992	264	665907	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	27428	8.341	ng/uL	0.00
4) Pyridine-d5	3.687	84	298082	31.105	ng/u1	0.00
7) Phenol-d5	6.928	99	382409	33.021	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	235311	32.051	ng/u1	0.00
11) 2-Chlorophenol-d4	7.287	132	314374	33.215	ng/u1	0.00
15) 4-Methylphenol-d8	8.445	113	293386	31.192	ng/u1	0.00
21) Nitrobenzene-d5	8.898	128	143080	37.678	ng/u1	0.00
24) 2-Nitrophenol-d4	9.604	143	152628	40.163	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.139	165	290329	37.089	ng/u1	0.00
31) 4-Chloroaniline-d4	10.651	131	324768	29.604	ng/u1	0.00
46) Dimethylphthalate-d6	13.786	166	755273	37.354	ng/u1	0.00
49) Acenaphthylene-d8	14.069	160	901618	37.371	ng/u1	0.00
54) 4-Nitrophenol-d4	14.592	143	126715	41.018	ng/u1	0.00
60) Fluorene-d10	15.386	176	638047	37.501	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	116469	40.589	ng/u1	0.00
73) Anthracene-d10	17.286	188	951769	37.244	ng/u1	0.00
81) Pyrene-d10	19.668	212	1098833	34.264	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.762	264	1242305	38.352	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	44764	12.165	ng/uL	96
5) Pyridine	3.705	79	317235	31.958	ng/u1	98
6) Benzaldehyde	6.904	77	200522	34.239	ng/u1	99
8) Phenol	6.951	94	395397	33.480	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.181	93	312679	31.980	ng/u1	98
12) 2-Chlorophenol	7.316	128	325587	34.219	ng/u1	100
13) 2-Methylphenol	8.181	108	286482	31.617	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.263	45	455921	30.683	ng/u1	99
16) Acetophenone	8.563	105	473945	31.553	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.545	70	235731	29.525	ng/u1	97
18) 4-Methylphenol	8.510	108	306264	31.932	ng/u1	98
19) Hexachloroethane	8.810	117	142139	34.413	ng/u1	94
22) Nitrobenzene	8.940	77	357622	36.328	ng/u1	99
23) Isophorone	9.457	82	636884	32.652	ng/u1	99
25) 2-Nitrophenol	9.634	139	164059	39.976	ng/u1	97
26) 2,4-Dimethylphenol	9.692	107	287964	30.127	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.934	93	382983	33.005	ng/u1	98
29) 2,4-Dichlorophenol	10.163	162	285451	36.842	ng/u1	99
30) Naphthalene	10.569	128	967115	35.129	ng/u1	99
32) 4-Chloroaniline	10.675	127	309917	29.343	ng/u1	99
33) Hexachlorobutadiene	10.839	225	214540	37.037	ng/u1	97
34) Caprolactam	11.457	113	80033m	33.944	ng/u1	
35) 4-Chloro-3-methylphenol	11.792	107	296315	34.638	ng/u1	98
36) 2-Methylnaphthalene	12.169	142	631596	34.248	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.398	142	626375	33.225	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.539	216	354468	38.125	ng/ul	99
40) Hexachlorocyclopentadiene	12.516	237	198185	34.247	ng/ul	97
41) 2,4,6-Trichlorophenol	12.786	196	204520	36.874	ng/ul	99
42) 2,4,5-Trichlorophenol	12.863	196	222238	38.634	ng/ul	97
43) 1,1'-Biphenyl	13.192	154	814151	37.435	ng/ul	98
44) 2-Chloronaphthalene	13.233	162	635105	37.078	ng/ul	99
45) 2-Nitroaniline	13.451	65	176822	40.984	ng/ul	93
47) Dimethylphthalate	13.833	163	762668	37.030	ng/ul	99
48) 2,6-Dinitrotoluene	13.951	165	148072	40.318	ng/ul	99
50) Acenaphthylene	14.098	152	988273	36.263	ng/ul	99
51) 3-Nitroaniline	14.286	138	142202	41.660	ng/ul	95
52) Acenaphthene	14.439	153	649208	35.911	ng/ul	98
53) 2,4-Dinitrophenol	14.504	184	78694	41.309	ng/ul	98
55) 4-Nitrophenol	14.604	109	116807	42.251	ng/ul	96
56) Dibenzofuran	14.775	168	902981	37.067	ng/ul	99
57) 2,4-Dinitrotoluene	14.745	165	213401	42.095	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.010	232	171546	36.107	ng/ul	99
59) Diethylphthalate	15.222	149	751013	36.966	ng/ul	100
61) Fluorene	15.439	166	720771	36.825	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.439	204	372576	36.478	ng/ul	98
63) 4-Nitroaniline	15.469	138	154123	47.576	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.527	198	125707	40.896	ng/ul	93
67) N-Nitrosodiphenylamine	15.663	169	619513	36.893	ng/ul	98
68) 4-Bromophenyl-phenylether	16.357	248	230213	36.247	ng/ul	97
69) Hexachlorobenzene	16.469	284	258504	36.359	ng/ul	95
70) Atrazine	16.633	200	81816	13.820	ng/ul	97
71) Pentachlorophenol	16.827	266	137918	33.694	ng/ul	98
72) Phenanthrene	17.227	178	1114551	37.379	ng/ul	100
74) Anthracene	17.321	178	1103034	35.963	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.163	216	351685	38.049	ng/ul	99
76) Pentachlorobenzene	14.698	250	317125	35.999	ng/ul	98
77) Carbazole	17.604	167	1001705	39.573	ng/ul	100
78) Di-n-butylphthalate	18.204	149	1243718	37.830	ng/ul	99
80) Fluoranthene	19.315	202	1311892	33.489	ng/ul	100
82) Pyrene	19.698	202	1359222	33.832	ng/ul	99
83) Butylbenzylphthalate	20.657	149	562082	37.678	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.545	252	450825	38.197	ng/ul	97
85) Benzo(a)anthracene	21.615	228	1368291	36.569	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.562	149	835897	36.089	ng/ul	100
87) Chrysene	21.692	228	1315909	37.207	ng/ul	99
89) Di-n-octyl phthalate	22.856	149	1498728	35.059	ng/ul	100
90) Benzo(b)fluoranthene	23.933	252	1466057	36.341	ng/ul	98
91) Benzo(k)fluoranthene	23.998	252	1474490	36.133	ng/ul	99
93) Benzo(a)pyrene	24.833	252	1312173	34.457	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.791	276	1889717m	38.687	ng/ul	
95) Dibenzo(a,h)anthracene	28.868	278	1542866m	38.432	ng/ul	
96) Benzo(g,h,i)perylene	30.009	276	1498947m	37.586	ng/ul	

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

