

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111324\
 Data File : BP023133.D
 Acq On : 15 Nov 2024 10:40
 Operator : RC/JU
 Sample : PB164918BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS918

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/16/2024
 Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 15 22:35:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 13 04:49:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	87225	20.000	ng/u1	0.00
20) Naphthalene-d8	10.322	136	349449	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.198	164	293492	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.010	188	753507	20.000	ng/u1	0.00
79) Chrysene-d12	21.451	240	872660	20.000	ng/u1	0.00
88) Perylene-d12	24.680	264	1018530	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	11309	6.232	ng/uL	0.00
4) Pyridine-d5	3.540	84	158944	29.481	ng/u1	0.00
7) Phenol-d5	6.781	99	218823	33.932	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.928	67	122891	32.435	ng/u1	0.00
11) 2-Chlorophenol-d4	7.122	132	159878	33.851	ng/u1	0.00
15) 4-Methylphenol-d8	8.287	113	173927	32.774	ng/u1	0.00
21) Nitrobenzene-d5	8.722	128	81940	33.682	ng/u1	0.00
24) 2-Nitrophenol-d4	9.434	143	99656	34.361	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	209901	34.559	ng/u1	0.00
31) 4-Chloroaniline-d4	10.469	131	205867	28.411	ng/u1	-0.01
46) Dimethylphthalate-d6	13.598	166	719367	34.008	ng/u1	-0.01
49) Acenaphthylene-d8	13.887	160	770561	34.912	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.451	143	105662	33.239	ng/u1	0.00
60) Fluorene-d10	15.210	176	635400	34.261	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.357	200	156176	34.599	ng/u1	0.00
73) Anthracene-d10	17.110	188	1109205	34.767	ng/u1	0.00
81) Pyrene-d10	19.486	212	1448563	36.038	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.468	264	1763820	36.355	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.170	88	22315	10.643	ng/uL	94
5) Pyridine	3.564	79	154938	28.616	ng/u1	95
6) Benzaldehyde	6.752	77	80138	21.595	ng/u1	98
8) Phenol	6.805	94	216573	32.160	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.016	93	156393	30.905	ng/u1	96
12) 2-Chlorophenol	7.152	128	159044	32.435	ng/u1	96
13) 2-Methylphenol	8.028	108	160310	31.891	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.087	45	180232	31.462	ng/u1	94
16) Acetophenone	8.393	105	282278	31.654	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.375	70	144170	32.378	ng/u1	96
18) 4-Methylphenol	8.352	108	175749	31.654	ng/u1	97
19) Hexachloroethane	8.628	117	73217	30.874	ng/u1	99
22) Nitrobenzene	8.763	77	226298	32.418	ng/u1	96
23) Isophorone	9.275	82	410118	32.857	ng/u1	98
25) 2-Nitrophenol	9.463	139	101791	33.252	ng/u1	96
26) 2,4-Dimethylphenol	9.534	107	166231	25.147	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.746	93	220396	32.091	ng/u1	98
29) 2,4-Dichlorophenol	9.999	162	198529	32.999	ng/u1	98
30) Naphthalene	10.375	128	535121	31.520	ng/u1	99
32) 4-Chloroaniline	10.493	127	155134	22.098	ng/u1	99
33) Hexachlorobutadiene	10.651	225	164267	30.176	ng/u1	99
34) Caprolactam	11.293	113	59352m	33.168	ng/u1	
35) 4-Chloro-3-methylphenol	11.640	107	221254	34.186	ng/u1	95
36) 2-Methylnaphthalene	11.987	142	411442	32.102	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.204	142	411507	31.407	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.363	216	311471	31.435	ng/ul	95
40) Hexachlorocyclopentadiene	12.328	237	122427	23.524	ng/ul	97
41) 2,4,6-Trichlorophenol	12.610	196	191466	31.734	ng/ul	97
42) 2,4,5-Trichlorophenol	12.698	196	212818	32.719	ng/ul	91
43) 1,1'-Biphenyl	13.004	154	611061	32.492	ng/ul	100
44) 2-Chloronaphthalene	13.057	162	499119	32.467	ng/ul	99
45) 2-Nitroaniline	13.275	65	153031	35.452	ng/ul	90
47) Dimethylphthalate	13.645	163	686083	32.888	ng/ul	99
48) 2,6-Dinitrotoluene	13.793	165	143456	35.353	ng/ul	98
50) Acenaphthylene	13.916	152	761457	34.130	ng/ul	99
51) 3-Nitroaniline	14.128	138	120868	34.582	ng/ul	95
52) Acenaphthene	14.269	153	534177	32.979	ng/ul	98
53) 2,4-Dinitrophenol	14.345	184	94836	32.938	ng/ul	94
55) 4-Nitrophenol	14.469	109	125559	33.760	ng/ul	98
56) Dibenzofuran	14.610	168	821110	32.811	ng/ul	99
57) 2,4-Dinitrotoluene	14.592	165	223426	34.547	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.851	232	195060	30.679	ng/ul#	99
59) Diethylphthalate	15.034	149	688714	33.381	ng/ul	99
61) Fluorene	15.269	166	674206	32.916	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.263	204	391118	32.429	ng/ul	98
63) 4-Nitroaniline	15.310	138	130940	40.262	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.375	198	161198	33.431	ng/ul#	97
67) N-Nitrosodiphenylamine	15.475	169	581166	33.378	ng/ul	99
68) 4-Bromophenyl-phenylether	16.169	248	289764	33.959	ng/ul	97
69) Hexachlorobenzene	16.298	284	363574	33.847	ng/ul	94
70) Atrazine	16.463	200	111488	13.246	ng/ul	97
71) Pentachlorophenol	16.663	266	180415	27.053	ng/ul	99
72) Phenanthrene	17.051	178	1185252	33.315	ng/ul	99
74) Anthracene	17.145	178	1184373	33.112	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.975	216	316979	31.862	ng/uL	100
76) Pentachlorobenzene	14.534	250	358376	31.548	ng/uL	96
77) Carbazole	17.439	167	1067666	34.212	ng/ul	100
78) Di-n-butylphthalate	18.016	149	1207981	34.882	ng/ul	100
80) Fluoranthene	19.139	202	1619948	34.983	ng/ul	99
82) Pyrene	19.522	202	1713272	34.440	ng/ul	99
83) Butylbenzylphthalate	20.486	149	581045	35.476	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.357	252	625498	31.932	ng/ul	100
85) Benzo(a)anthracene	21.427	228	1819170	34.140	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.357	149	834834	35.868	ng/ul	97
87) Chrysene	21.498	228	1671795	33.343	ng/ul	99
89) Di-n-octyl phthalate	22.586	149	1387829	33.586	ng/ul	100
90) Benzo(b)fluoranthene	23.657	252	1952517	34.441	ng/ul	98
91) Benzo(k)fluoranthene	23.727	252	1934868	34.670	ng/ul#	99
93) Benzo(a)pyrene	24.533	252	1763383	34.409	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.351	276	2354970	32.983	ng/ul	98
95) Dibenzo(a,h)anthracene	28.398	278	1916150m	33.052	ng/ul	
96) Benzo(g,h,i)perylene	29.456	276	1816140m	33.489	ng/ul	

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

