

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
 Data File : BP021298.D
 Acq On : 01 Aug 2024 21:05
 Operator : CG/JU
 Sample : PB162151BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS151

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/03/2024
 Supervised By :mohammad ahmed 08/05/2024

Quant Time: Aug 01 23:10:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	144394	20.000	ng/u1	0.00
20) Naphthalene-d8	10.381	136	530914	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.263	164	333965	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.080	188	733858	20.000	ng/u1	-0.01
79) Chrysene-d12	21.521	240	871967	20.000	ng/u1	#-0.01
88) Perylene-d12	24.815	264	1110828	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	16693	5.261	ng/uL	0.00
4) Pyridine-d5	3.587	84	215188	23.425	ng/u1	0.00
7) Phenol-d5	6.845	99	283454	24.079	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	155441	21.788	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	249562	25.730	ng/u1	0.00
15) 4-Methylphenol-d8	8.357	113	223132	22.822	ng/u1	0.00
21) Nitrobenzene-d5	8.781	128	114420	27.747	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.498	143	133566	28.299	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.045	165	240451	28.174	ng/u1	0.00
31) 4-Chloroaniline-d4	10.551	131	287621	25.439	ng/u1	0.00
46) Dimethylphthalate-d6	13.680	166	677500	27.907	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	770607	28.268	ng/u1	0.00
54) 4-Nitrophenol-d4	14.580	143	144092m	41.715	ng/u1	0.00
60) Fluorene-d10	15.286	176	583917	29.317	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	132110	29.753	ng/u1	-0.01
73) Anthracene-d10	17.192	188	936996	28.747	ng/u1	0.00
81) Pyrene-d10	19.574	212	1281634	23.774	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.586	264	1621230	29.592	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.199	88	33079	9.479	ng/uL#	94
5) Pyridine	3.604	79	211483	22.320	ng/u1	94
6) Benzaldehyde	6.804	77	161168m	27.156	ng/u1	
8) Phenol	6.875	94	286537	24.054	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.069	93	213460	21.692	ng/u1	96
12) 2-Chlorophenol	7.210	128	244434	25.145	ng/u1	97
13) 2-Methylphenol	8.087	108	211430	22.950	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.134	45	260180	18.301	ng/u1#	91
16) Acetophenone	8.445	105	345838	22.918	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.422	70	157832	19.962	ng/u1	93
18) 4-Methylphenol	8.422	108	224734	22.770	ng/u1	96
19) Hexachloroethane	8.669	117	104784	23.987	ng/u1	89
22) Nitrobenzene	8.822	77	245914	24.895	ng/u1	98
23) Isophorone	9.339	82	442879	22.552	ng/u1	98
25) 2-Nitrophenol	9.528	139	133783	27.178	ng/u1	95
26) 2,4-Dimethylphenol	9.592	107	183343	18.888	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.816	93	269332	22.563	ng/u1	96
29) 2,4-Dichlorophenol	10.075	162	230752	27.435	ng/u1	99
30) Naphthalene	10.439	128	729460	26.121	ng/u1	99
32) 4-Chloroaniline	10.581	127	252507	23.388	ng/u1	100
33) Hexachlorobutadiene	10.692	225	175964	27.901	ng/u1	98
34) Caprolactam	11.392	113	72285m	27.898	ng/u1	
35) 4-Chloro-3-methylphenol	11.733	107	236479	25.866	ng/u1	91
36) 2-Methylnaphthalene	12.057	142	495034	25.824	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.280	142	492874	24.999	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.433	216	316613	29.192	ng/ul	95
40) Hexachlorocyclopentadiene	12.386	237	52342	9.225	ng/ul	99
41) 2,4,6-Trichlorophenol	12.704	196	181665	26.508	ng/ul	96
42) 2,4,5-Trichlorophenol	12.792	196	197010	27.170	ng/ul	99
43) 1,1'-Biphenyl	13.086	154	653374	26.770	ng/ul	99
44) 2-Chloronaphthalene	13.128	162	524873	26.938	ng/ul	99
45) 2-Nitroaniline	13.380	65	145125	26.934	ng/ul	95
47) Dimethylphthalate	13.727	163	655307	26.602	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	139935	28.414	ng/ul	94
50) Acenaphthylene	13.986	152	810138	26.248	ng/ul	99
51) 3-Nitroaniline	14.227	138	133561	31.165	ng/ul	92
52) Acenaphthene	14.333	153	546413	26.673	ng/ul	97
53) 2,4-Dinitrophenol	14.469	184	71011	27.456	ng/ul	96
55) 4-Nitrophenol	14.592	109	101361	36.074	ng/ul#	79
56) Dibenzofuran	14.674	168	781970	27.875	ng/ul	99
57) 2,4-Dinitrotoluene	14.686	165	209372	30.969	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.927	232	165918	26.721	ng/ul#	93
59) Diethylphthalate	15.110	149	640169	26.004	ng/ul	98
61) Fluorene	15.345	166	642645	28.073	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.333	204	347821	28.001	ng/ul	95
63) 4-Nitroaniline	15.410	138	144508	40.717	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.469	198	133242	28.297	ng/ul#	95
67) N-Nitrosodiphenylamine	15.563	169	554975	25.970	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	230452	26.792	ng/ul	94
69) Hexachlorobenzene	16.369	284	283756	28.771	ng/ul#	90
70) Atrazine	16.551	200	94947	12.191	ng/ul	98
71) Pentachlorophenol	16.745	266	130087	24.285	ng/ul	97
72) Phenanthrene	17.133	178	1066765	28.021	ng/ul	100
74) Anthracene	17.227	178	1036268	26.701	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.051	216	308596	26.273	ng/uL	98
76) Pentachlorobenzene	14.592	250	316241	27.095	ng/uL	98
77) Carbazole	17.527	167	997440	31.439	ng/ul	99
78) Di-n-butylphthalate	18.086	149	1133537	25.897	ng/ul	100
80) Fluoranthene	19.221	202	1419702	21.807	ng/ul	97
82) Pyrene	19.604	202	1483133	22.388	ng/ul	95
83) Butylbenzylphthalate	20.539	149	584022	21.159	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.433	252	609895	30.610	ng/ul	99
85) Benzo(a)anthracene	21.504	228	1662665	27.220	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.415	149	831581	20.935	ng/ul#	96
87) Chrysene	21.574	228	1597365	28.143	ng/ul	99
89) Di-n-octyl phthalate	22.651	149	1529695	20.846	ng/ul	100
90) Benzo(b)fluoranthene	23.774	252	1863883	27.650	ng/ul	99
91) Benzo(k)fluoranthene	23.839	252	1848329	27.475	ng/ul	98
93) Benzo(a)pyrene	24.656	252	1636239	25.686	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.574	276	2379941	28.993	ng/ul	98
95) Dibenzo(a,h)anthracene	28.603	278	1956685m	28.786	ng/ul	
96) Benzo(g,h,i)perylene	29.750	276	1860096	27.824	ng/ul#	95

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

