

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072524\
 Data File : BP021144.D
 Acq On : 25 Jul 2024 12:24
 Operator : MA/JU
 Sample : PB162155BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS155

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/27/2024

Quant Time: Jul 25 22:53:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 25 00:15:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	227934	20.000	ng/u1	0.00
20) Naphthalene-d8	10.422	136	886816	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	560789	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.110	188	1140077	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	915556	20.000	ng/u1	0.00
88) Perylene-d12	24.886	264	1104315	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	30323	6.054	ng/uL	0.01
4) Pyridine-d5	3.599	84	363555	25.071	ng/u1	0.00
7) Phenol-d5	6.864	99	481615	25.917	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	290551	25.800	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	391380	25.563	ng/u1	0.00
15) 4-Methylphenol-d8	8.381	113	381832	24.740	ng/u1	0.00
21) Nitrobenzene-d5	8.810	128	191256	27.766	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	222769	28.257	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	389646	27.333	ng/u1	0.00
31) 4-Chloroaniline-d4	10.575	131	459633	24.338	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	1106704	27.147	ng/u1	0.00
49) Acenaphthylene-d8	13.987	160	1262843	27.588	ng/u1	0.00
54) 4-Nitrophenol-d4	14.581	143	208171m	35.890	ng/u1	-0.02
60) Fluorene-d10	15.310	176	937534	28.033	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	192640	27.927	ng/u1	0.01
73) Anthracene-d10	17.210	188	1424046	28.123	ng/u1	0.00
81) Pyrene-d10	19.598	212	1628779	28.775	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.645	264	1559695	28.637	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.217	88	56145	10.192	ng/uL	99
5) Pyridine	3.623	79	375182	25.084	ng/u1	98
6) Benzaldehyde	6.822	77	236342	25.227	ng/u1	99
8) Phenol	6.893	94	497433	26.454	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.099	93	398034	25.624	ng/u1	98
12) 2-Chlorophenol	7.234	128	413889	26.972	ng/u1	99
13) 2-Methylphenol	8.111	108	377206	25.938	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.169	45	563056	25.089	ng/u1	98
16) Acetophenone	8.475	105	604563	25.380	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.458	70	300278	24.058	ng/u1	98
18) 4-Methylphenol	8.446	108	401346	25.761	ng/u1	98
19) Hexachloroethane	8.699	117	176852	25.647	ng/u1	99
22) Nitrobenzene	8.858	77	459850	27.869	ng/u1	98
23) Isophorone	9.369	82	840171	25.613	ng/u1	100
25) 2-Nitrophenol	9.552	139	238772	29.040	ng/u1	98
26) 2,4-Dimethylphenol	9.628	107	382695	23.603	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.840	93	518732	26.016	ng/u1	98
29) 2,4-Dichlorophenol	10.099	162	378544	26.944	ng/u1	100
30) Naphthalene	10.469	128	1262601	27.067	ng/u1	99
32) 4-Chloroaniline	10.599	127	429008	23.789	ng/u1	99
33) Hexachlorobutadiene	10.734	225	284644	27.021	ng/u1	98
34) Caprolactam	11.422	113	123901	28.628	ng/u1	97
35) 4-Chloro-3-methylphenol	11.757	107	424675	27.808	ng/u1	99
36) 2-Methylnaphthalene	12.093	142	850110	26.549	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.310	142	844023	25.629	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.463	216	508976	27.947	ng/ul	98
40) Hexachlorocyclopentadiene	12.422	237	139743	14.668	ng/ul	99
41) 2,4,6-Trichlorophenol	12.722	196	294685	25.607	ng/ul	98
42) 2,4,5-Trichlorophenol	12.816	196	325354	26.721	ng/ul	99
43) 1,1'-Biphenyl	13.110	154	1117666	27.271	ng/ul	99
44) 2-Chloronaphthalene	13.163	162	889702	27.193	ng/ul	99
45) 2-Nitroaniline	13.387	65	266566	29.462	ng/ul	97
47) Dimethylphthalate	13.751	163	1123925	27.171	ng/ul	99
48) 2,6-Dinitrotoluene	13.898	165	236971	28.655	ng/ul	97
50) Acenaphthylene	14.016	152	1407810	27.163	ng/ul	100
51) 3-Nitroaniline	14.240	138	226518	31.476	ng/ul	91
52) Acenaphthene	14.363	153	934989	27.181	ng/ul	99
53) 2,4-Dinitrophenol	14.475	184	111589	25.694	ng/ul	99
55) 4-Nitrophenol	14.598	109	146164	30.979	ng/ul	92
56) Dibenzofuran	14.704	168	1306619	27.738	ng/ul	98
57) 2,4-Dinitrotoluene	14.704	165	339451	29.901	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	14.951	232	229706	22.031	ng/ul	97
59) Diethylphthalate	15.140	149	1139496	27.565	ng/ul	99
61) Fluorene	15.363	166	1058885	27.546	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.357	204	564264	27.052	ng/ul	99
63) 4-Nitroaniline	15.428	138	223515	37.505	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.492	198	205920	28.150	ng/ul	98
67) N-Nitrosodiphenylamine	15.587	169	912567	27.488	ng/ul	100
68) 4-Bromophenyl-phenylether	16.275	248	358392	26.820	ng/ul	99
69) Hexachlorobenzene	16.387	284	427481	27.900	ng/ul	97
70) Atrazine	16.575	200	55374	4.577	ng/ul	99
71) Pentachlorophenol	16.763	266	150564	18.093	ng/ul	96
72) Phenanthrene	17.151	178	1648609	27.875	ng/ul	100
74) Anthracene	17.245	178	1699713	28.191	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.075	216	503674	27.602	ng/uL	99
76) Pentachlorobenzene	14.616	250	494785	27.288	ng/uL	100
77) Carbazole	17.539	167	1495342	30.339	ng/ul	99
78) Di-n-butylphthalate	18.116	149	1889773	27.790	ng/ul	100
80) Fluoranthene	19.257	202	1965648	28.756	ng/ul	99
82) Pyrene	19.633	202	1993332	28.656	ng/ul	99
83) Butylbenzylphthalate	20.569	149	812265	28.027	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.463	252	601889	28.770	ng/ul	99
85) Benzo(a)anthracene	21.539	228	1812031	28.253	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.445	149	1096827	26.298	ng/ul	99
87) Chrysene	21.610	228	1723274	28.916	ng/ul	100
89) Di-n-octyl phthalate	22.716	149	1762722	24.163	ng/ul	100
90) Benzo(b)fluoranthene	23.827	252	1850123	27.608	ng/ul	99
91) Benzo(k)fluoranthene	23.892	252	1810770	27.075	ng/ul	99
93) Benzo(a)pyrene	24.710	252	1700280	26.849	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.680	276	2495749m	30.584	ng/ul	
95) Dibenzo(a,h)anthracene	28.733	278	2019225	29.881	ng/ul	100
96) Benzo(g,h,i)perylene	29.833	276	2015787m	30.331	ng/ul	

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

