

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052022\
 Data File : BP010470.D
 Acq On : 21 May 2022 11:31
 Operator : CG/JU
 Sample : PB144974BS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS974

Quant Time: May 23 00:44:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 15:04:31 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/23/2022
 Supervised By :mohammad ahmed 05/25/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	204420	20.000	ng/u1	0.00
20) Naphthalene-d8	10.693	136	898157	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.522	164	591398	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.275	188	1240104	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.363	240	1006546	20.000	ng/u1	# 0.00
88) Perylene-d12	23.786	264	786876	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	29896	6.234	ng/uL	0.00
4) Pyridine-d5	3.752	84	462297	33.950	ng/u1	-0.01
7) Phenol-d5	7.058	99	659497	38.438	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	429378	37.248	ng/u1	0.00
11) 2-Chlorophenol-d4	7.422	132	523531	39.877	ng/u1	-0.01
15) 4-Methylphenol-d8	8.605	113	551383	37.815	ng/u1	0.00
21) Nitrobenzene-d5	9.052	128	269012	38.700	ng/u1	0.00
24) 2-Nitrophenol-d4	9.775	143	301712	40.957	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	537181	38.565	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	650087	31.389	ng/u1	-0.01
46) Dimethylphthalate-d6	13.934	166	1657061	38.030	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	1944026	38.680	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	291144	37.540	ng/u1	0.00
60) Fluorene-d10	15.522	176	1404876	37.061	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	231654	31.941	ng/u1	0.00
73) Anthracene-d10	17.375	188	2188895	38.980	ng/u1	0.00
81) Pyrene-d10	19.610	212	2474185	46.286	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.627	264	1576616	39.902	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	62844	12.650	ng/uL#	13
5) Pyridine	3.775	79	445843	31.504	ng/u1#	40
6) Benzaldehyde	7.028	77	454514	50.111	ng/u1	92
8) Phenol	7.087	94	654805	35.376	ng/u1#	93
10) Bis(2-Chloroethyl)ether	7.316	93	500067	34.361	ng/u1#	75
12) 2-Chlorophenol	7.458	128	504510	36.810	ng/u1	95
13) 2-Methylphenol	8.340	108	494174	35.763	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.422	45	819145	34.536	ng/u1#	83
16) Acetophenone	8.716	105	796064	34.748	ng/u1#	79
17) N-Nitroso-di-n-propyla...	8.710	70	436351	35.589	ng/u1#	71
18) 4-Methylphenol	8.669	108	538338	35.251	ng/u1	91
19) Hexachloroethane	8.969	117	207505	34.811	ng/u1#	80
22) Nitrobenzene	9.093	77	627563	34.355	ng/u1#	86
23) Isophorone	9.622	82	1201642	35.590	ng/u1#	97
25) 2-Nitrophenol	9.805	139	296459	36.651	ng/u1#	85
26) 2,4-Dimethylphenol	9.869	107	620944m	35.379	ng/u1	
27) Bis(2-Chloroethoxy)met...	10.105	93	695152	34.578	ng/u1#	98
29) 2,4-Dichlorophenol	10.346	162	503984	35.389	ng/u1#	83
30) Naphthalene	10.740	128	1621479	34.564	ng/u1	97
32) 4-Chloroaniline	10.852	127	596682	29.030	ng/u1	97
33) Hexachlorobutadiene	11.034	225	339611	33.653	ng/u1	96
34) Caprolactam	11.640	113	186014m	37.427	ng/u1	
35) 4-Chloro-3-methylphenol	11.981	107	589894	35.408	ng/u1#	69
36) 2-Methylnaphthalene	12.351	142	1120048	33.725	ng/u1	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.569	142	1144340	34.126	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.722	216	629436	34.877	ng/ul	93
40) Hexachlorocyclopentadiene	12.704	237	254500	25.938	ng/ul	94
41) 2,4,6-Trichlorophenol	12.963	196	420639	37.391	ng/ul#	82
42) 2,4,5-Trichlorophenol	13.034	196	460342	36.649	ng/ul#	87
43) 1,1'-Biphenyl	13.357	154	1526708	35.171	ng/ul#	92
44) 2-Chloronaphthalene	13.398	162	1185911	35.371	ng/ul	93
45) 2-Nitroaniline	13.604	65	424428	38.464	ng/ul#	79
47) Dimethylphthalate	13.981	163	1509847	34.933	ng/ul#	93
48) 2,6-Dinitrotoluene	14.104	165	337913	38.353	ng/ul	92
50) Acenaphthylene	14.246	152	1922602	35.361	ng/ul	95
51) 3-Nitroaniline	14.428	138	313440	37.904	ng/ul#	84
52) Acenaphthene	14.587	153	1232913	34.761	ng/ul	97
53) 2,4-Dinitrophenol	14.640	184	128825	26.189	ng/ul#	77
55) 4-Nitrophenol	14.745	109	230495	33.424	ng/ul#	39
56) Dibenzofuran	14.922	168	1779598	34.236	ng/ul	99
57) 2,4-Dinitrotoluene	14.893	165	472781	37.276	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.151	232	395537	36.619	ng/ul#	86
59) Diethylphthalate	15.345	149	1545156	35.036	ng/ul	94
61) Fluorene	15.575	166	1467591	34.525	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.569	204	756748	34.224	ng/ul	98
63) 4-Nitroaniline	15.598	138	345504	42.316	ng/ul#	76
66) 4,6-Dinitro-2-methylph...	15.663	198	213736	29.551	ng/ul#	91
67) N-Nitrosodiphenylamine	15.781	169	1277067	36.721	ng/ul	95
68) 4-Bromophenyl-phenylether	16.463	248	464157	36.343	ng/ul	94
69) Hexachlorobenzene	16.587	284	527046	35.877	ng/ul#	90
70) Atrazine	16.739	200	500693	35.938	ng/ul#	88
71) Pentachlorophenol	16.928	266	331352m	35.948	ng/ul	
72) Phenanthrene	17.322	178	2361981	35.689	ng/ul	99
74) Anthracene	17.410	178	2375996	35.787	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.328	216	674830	35.807	ng/uL#	86
76) Pentachlorobenzene	14.851	250	623944	36.489	ng/uL	91
77) Carbazole	17.681	167	2081497	35.673	ng/ul#	95
78) Di-n-butylphthalate	18.234	149	2697706	37.961	ng/ul#	93
80) Fluoranthene	19.286	202	2782020	44.785	ng/ul	97
82) Pyrene	19.639	202	2759510	42.568	ng/ul#	95
83) Butylbenzylphthalate	20.504	149	1219839	47.058	ng/ul#	83
84) 3,3'-Dichlorobenzidine	21.275	252	812185	40.147	ng/ul#	97
85) Benzo(a)anthracene	21.345	228	2308544	36.677	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.269	149	1748610	45.969	ng/ul#	82
87) Chrysene	21.398	228	2246334	36.282	ng/ul	99
89) Di-n-octyl phthalate	22.198	149	2884100	48.858	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	1927816	36.757	ng/ul	100
91) Benzo(k)fluoranthene	23.092	252	1859803	37.310	ng/ul#	98
93) Benzo(a)pyrene	23.680	252	1781129	36.552	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.315	276	1778408	38.794	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.333	278	1549423	38.952	ng/ul#	95
96) Benzo(g,h,i)perylene	27.092	276	1526447	39.878	ng/ul#	91

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

