

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041122\
 Data File : BP009802.D
 Acq On : 13 Apr 2022 02:36
 Operator : CG/JU
 Sample : PB144054BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS054

Quant Time: Apr 13 04:28:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 13 02:15:22 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/13/2022
 Supervised By :Yogesh Patel 04/13/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	128858	20.000	ng/u1	0.00
20) Naphthalene-d8	10.775	136	607232	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.598	164	451930	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.345	188	1024962	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.427	240	1081092	20.000	ng/u1	# 0.00
88) Perylene-d12	23.892	264	1004962	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	16477	5.707	ng/uL	0.00
4) Pyridine-d5	3.799	84	233922	29.385	ng/u1	0.00
7) Phenol-d5	7.122	99	339348	29.996	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	212947m	31.618	ng/u1	0.00
11) 2-Chlorophenol-d4	7.493	132	268600	31.476	ng/u1	0.00
15) 4-Methylphenol-d8	8.669	113	299888	31.755	ng/u1	0.00
21) Nitrobenzene-d5	9.122	128	144607	33.023	ng/u1	0.00
24) 2-Nitrophenol-d4	9.851	143	158352	32.984	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.393	165	304632	30.324	ng/u1	0.00
31) 4-Chloroaniline-d4	10.898	131	392254	27.414	ng/u1	0.00
46) Dimethylphthalate-d6	14.004	166	1065642	30.018	ng/u1	0.00
49) Acenaphthylene-d8	14.287	160	1191846	28.339	ng/u1	0.00
54) 4-Nitrophenol-d4	14.781	143	197249	30.638	ng/u1	0.00
60) Fluorene-d10	15.586	176	900133	30.141	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	195325	32.169	ng/u1	0.00
73) Anthracene-d10	17.445	188	1467663	29.907	ng/u1	0.00
81) Pyrene-d10	19.674	212	1814352	30.729	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.733	264	1671501	31.939	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	31629	10.746	ng/uL#	12
5) Pyridine	3.822	79	239809	28.872	ng/u1#	42
6) Benzaldehyde	7.099	77	223698	32.242	ng/u1	98
8) Phenol	7.146	94	350953	30.992	ng/u1#	90
10) Bis(2-Chloroethyl)ether	7.381	93	268984	30.494	ng/u1#	74
12) 2-Chlorophenol	7.528	128	267392	31.080	ng/u1	96
13) 2-Methylphenol	8.405	108	274533	31.090	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.499	45	413625	31.723	ng/u1#	84
16) Acetophenone	8.787	105	462597	31.090	ng/u1#	77
17) N-Nitroso-di-n-propyla...	8.781	70	246695	31.980	ng/u1#	73
18) 4-Methylphenol	8.734	108	306981	32.103	ng/u1	93
19) Hexachloroethane	9.057	117	114270	31.459	ng/u1	81
22) Nitrobenzene	9.163	77	361069	32.124	ng/u1#	82
23) Isophorone	9.699	82	697819	30.129	ng/u1	97
25) 2-Nitrophenol	9.881	139	167267	32.667	ng/u1#	88
26) 2,4-Dimethylphenol	9.940	107	352911	29.044	ng/u1#	79
27) Bis(2-Chloroethoxy)met...	10.181	93	403077	29.643	ng/u1#	98
29) 2,4-Dichlorophenol	10.416	162	298268	30.625	ng/u1#	84
30) Naphthalene	10.822	128	925429	29.633	ng/u1	97
32) 4-Chloroaniline	10.928	127	384572	27.160	ng/u1	95
33) Hexachlorobutadiene	11.122	225	207861	29.633	ng/u1	93
34) Caprolactam	11.698	113	110057m	34.169	ng/u1	
35) 4-Chloro-3-methylphenol	12.045	107	372886	31.597	ng/u1#	71
36) 2-Methylnaphthalene	12.428	142	688827	30.191	ng/u1	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.645	142	697718	30.287	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.798	216	405295	29.312	ng/ul	93
40) Hexachlorocyclopentadiene	12.781	237	236586	24.657	ng/ul	97
41) 2,4,6-Trichlorophenol	13.028	196	272063	30.811	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.098	196	303025	31.755	ng/ul#	86
43) 1,1'-Biphenyl	13.434	154	976671	29.619	ng/ul	94
44) 2-Chloronaphthalene	13.475	162	749506	29.570	ng/ul	94
45) 2-Nitroaniline	13.669	65	264499	35.608	ng/ul#	81
47) Dimethylphthalate	14.051	163	1019460	29.837	ng/ul#	92
48) 2,6-Dinitrotoluene	14.163	165	216196	34.400	ng/ul	97
50) Acenaphthylene	14.316	152	1241143	29.904	ng/ul	96
51) 3-Nitroaniline	14.492	138	206076	31.541	ng/ul#	83
52) Acenaphthene	14.663	153	803750	29.577	ng/ul	98
53) 2,4-Dinitrophenol	14.692	184	121820	32.068	ng/ul#	80
55) 4-Nitrophenol	14.792	109	187022	31.557	ng/ul#	51
56) Dibenzofuran	14.992	168	1184077	29.605	ng/ul	97
57) 2,4-Dinitrotoluene	14.951	165	321833	34.874	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	15.222	232	270611	31.102	ng/ul#	87
59) Diethylphthalate	15.416	149	1072653	30.335	ng/ul#	92
61) Fluorene	15.645	166	987969	29.990	ng/ul	90
62) 4-Chlorophenyl-phenyle...	15.639	204	521498	29.772	ng/ul	96
63) 4-Nitroaniline	15.657	138	235188m	35.939	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.716	198	187870	31.128	ng/ul#	90
67) N-Nitrosodiphenylamine	15.851	169	879383	29.972	ng/ul	95
68) 4-Bromophenyl-phenylether	16.533	248	327505	29.519	ng/ul	96
69) Hexachlorobenzene	16.651	284	381558	29.908	ng/ul#	88
70) Atrazine	16.804	200	359309	29.669	ng/ul#	90
71) Pentachlorophenol	16.992	266	252830	29.278	ng/ul#	84
72) Phenanthrene	17.392	178	1645660	30.079	ng/ul	99
74) Anthracene	17.480	178	1670108	30.109	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.398	216	436951	29.486	ng/uL#	86
76) Pentachlorobenzene	14.916	250	423466	29.318	ng/uL	90
77) Carbazole	17.745	167	1527493	30.472	ng/ul#	95
78) Di-n-butylphthalate	18.298	149	1915717	31.078	ng/ul#	93
80) Fluoranthene	19.351	202	2082881	30.648	ng/ul#	94
82) Pyrene	19.704	202	2128608	30.892	ng/ul#	92
83) Butylbenzylphthalate	20.569	149	904365	31.994	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.339	252	698404	30.316	ng/ul#	96
85) Benzo(a)anthracene	21.410	228	2126876	31.033	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.333	149	1336571	31.435	ng/ul#	81
87) Chrysene	21.463	228	2039184	30.838	ng/ul	99
89) Di-n-octyl phthalate	22.286	149	2286695	32.476	ng/ul	100
90) Benzo(b)fluoranthene	23.139	252	2102519	31.489	ng/ul	99
91) Benzo(k)fluoranthene	23.192	252	1994095	32.729	ng/ul#	98
93) Benzo(a)pyrene	23.786	252	1969113	31.815	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.474	276	1999009	30.887	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.492	278	1737969	30.969	ng/ul#	95
96) Benzo(g,h,i)perylene	27.262	276	1631590	30.574	ng/ul#	93

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

