

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072722\
 Data File : BM035976.D
 Acq On : 28 Jul 2022 07:07
 Operator : CG/JU
 Sample : PB146419BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS419

Quant Time: Jul 28 07:38:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 27 23:55:50 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/28/2022
 Supervised By :mohammad ahmed 07/29/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	258136	20.000	ng/u1	0.00
20) Naphthalene-d8	10.687	136	1073815	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.516	164	628680	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.257	188	1285068	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	1223043	20.000	ng/u1	0.00
88) Perylene-d12	23.803	264	1237711	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	45612	6.649	ng/uL	0.00
4) Pyridine-d5	3.693	84	631490	33.602	ng/u1	0.00
7) Phenol-d5	7.046	99	774282	35.768	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	474883	32.907	ng/u1	0.00
11) 2-Chlorophenol-d4	7.410	132	670836	37.335	ng/u1	0.00
15) 4-Methylphenol-d8	8.598	113	604975	34.497	ng/u1	0.00
21) Nitrobenzene-d5	9.051	128	322733	37.928	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	337432	40.703	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	591201	39.430	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	847250	33.379	ng/u1	0.00
46) Dimethylphthalate-d6	13.933	166	1641318	38.327	ng/u1	0.00
49) Acenaphthylene-d8	14.210	160	2147084	39.296	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	329274	37.443	ng/u1	0.00
60) Fluorene-d10	15.510	176	1463449	37.817	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.633	200	240439	34.808	ng/u1	0.00
73) Anthracene-d10	17.357	188	2181008	37.540	ng/u1	0.00
81) Pyrene-d10	19.645	212	2531432	37.346	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.656	264	2428603	38.649	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	91382	12.854	ng/uL	98
5) Pyridine	3.716	79	655746	33.250	ng/u1	85
6) Benzaldehyde	7.022	77	512081	56.363	ng/u1	95
8) Phenol	7.075	94	796593	33.626	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.310	93	638388	33.520	ng/u1	95
12) 2-Chlorophenol	7.446	128	668012	36.241	ng/u1	97
13) 2-Methylphenol	8.328	108	600960	33.958	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.422	45	822325	32.712	ng/u1	96
16) Acetophenone	8.710	105	935536	33.227	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.698	70	468072	33.336	ng/u1	93
18) 4-Methylphenol	8.663	108	638422	33.627	ng/u1	100
19) Hexachloroethane	8.963	117	277442	36.481	ng/u1	97
22) Nitrobenzene	9.093	77	689043	35.387	ng/u1	97
23) Isophorone	9.622	82	1300250	35.375	ng/u1	99
25) 2-Nitrophenol	9.804	139	357756	38.898	ng/u1	95
26) 2,4-Dimethylphenol	9.863	107	622118	33.103	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.104	93	814002	35.114	ng/u1	99
29) 2,4-Dichlorophenol	10.334	162	580576	37.307	ng/u1	98
30) Naphthalene	10.739	128	2043653	36.057	ng/u1	99
32) 4-Chloroaniline	10.851	127	823815	32.673	ng/u1	98
33) Hexachlorobutadiene	11.016	225	371491	38.668	ng/u1	99
34) Caprolactam	11.634	113	186774	36.315	ng/u1	91
35) 4-Chloro-3-methylphenol	11.981	107	602437	37.229	ng/u1	96
36) 2-Methylnaphthalene	12.345	142	1339379	36.119	ng/u1	99

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37) 1-Methylnaphthalene	12.569	142	1344646	35.974	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.716	216	659005	36.825	ng/ul	99
40) Hexachlorocyclopentadiene	12.686	237	329826	27.673	ng/ul	97
41) 2,4,6-Trichlorophenol	12.957	196	445288	38.882	ng/ul	99
42) 2,4,5-Trichlorophenol	13.028	196	482486	39.484	ng/ul	99
43) 1,1'-Biphenyl	13.357	154	1734438	35.843	ng/ul	99
44) 2-Chloronaphthalene	13.398	162	1353814	36.455	ng/ul	98
45) 2-Nitroaniline	13.604	65	384855	37.590	ng/ul	99
47) Dimethylphthalate	13.980	163	1601530	37.180	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	335373	39.215	ng/ul	97
50) Acenaphthylene	14.239	152	2203261	36.452	ng/ul	100
51) 3-Nitroaniline	14.427	138	391477	41.420	ng/ul	97
52) Acenaphthene	14.580	153	1412075	36.011	ng/ul	99
53) 2,4-Dinitrophenol	14.633	184	155206	31.963	ng/ul	96
55) 4-Nitrophenol	14.739	109	242756	36.093	ng/ul	84
56) Dibenzofuran	14.916	168	1983856	36.565	ng/ul	99
57) 2,4-Dinitrotoluene	14.886	165	472009	39.154	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.139	232	385486	40.150	ng/ul#	94
59) Diethylphthalate	15.345	149	1665678	38.229	ng/ul	99
61) Fluorene	15.563	166	1610904	36.346	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.557	204	774356	36.465	ng/ul	98
63) 4-Nitroaniline	15.592	138	408201	46.913	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.645	198	230855	33.399	ng/ul#	97
67) N-Nitrosodiphenylamine	15.774	169	1343263	35.555	ng/ul	99
68) 4-Bromophenyl-phenylether	16.451	248	473301	37.569	ng/ul	99
69) Hexachlorobenzene	16.563	284	573505	37.362	ng/ul	98
70) Atrazine	16.727	200	481114	36.716	ng/ul	99
71) Pentachlorophenol	16.904	266	344169	36.701	ng/ul	98
72) Phenanthrene	17.298	178	2509827	36.440	ng/ul	98
74) Anthracene	17.392	178	2521797	36.488	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.322	216	668293	33.442	ng/ul	97
76) Pentachlorobenzene	14.833	250	656741	36.254	ng/ul	99
77) Carbazole	17.663	167	2350852	36.828	ng/ul	99
78) Di-n-butylphthalate	18.227	149	2960551	41.107	ng/ul	99
80) Fluoranthene	19.310	202	2946623	36.384	ng/ul	99
82) Pyrene	19.674	202	2990552	35.826	ng/ul	97
83) Butylbenzylphthalate	20.574	149	1309297	43.126	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.356	252	973277	43.124	ng/ul	99
85) Benzo(a)anthracene	21.421	228	2896878	37.631	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.351	149	1928182	43.954	ng/ul	100
87) Chrysene	21.474	228	2801447	37.298	ng/ul	99
89) Di-n-octyl phthalate	22.268	149	3173509	39.704	ng/ul	100
90) Benzo(b)fluoranthene	23.086	252	3031634	36.702	ng/ul#	97
91) Benzo(k)fluoranthene	23.133	252	2789099m	35.582	ng/ul	
93) Benzo(a)pyrene	23.703	252	2923807	37.162	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.280	276	3396174	40.497	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.297	278	2909773	40.442	ng/ul	96
96) Benzo(g,h,i)perylene	27.038	276	2909300	41.863	ng/ul	94

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

