

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
 Data File : BP016106.D
 Acq On : 08 Jul 2023 23:14
 Operator : MA/JU
 Sample : PB153847BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS847

Quant Time: Jul 09 00:20:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 08 10:11:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/10/2023
 Supervised By :mohammad ahmed 07/10/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	244896	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.834	136	1092326	20.000	ng/u1	#-0.02
38) Acenaphthene-d10	14.663	164	706692	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.428	188	1639175	20.000	ng/u1	#-0.02
79) Chrysene-d12	21.527	240	1644656	20.000	ng/u1	-0.01
88) Perylene-d12	24.068	264	1772720	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	26199	3.849	ng/uL	0.00
4) Pyridine-d5	3.793	84	350059	20.402	ng/u1	-0.01
7) Phenol-d5	7.205	99	483839	23.091	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.346	67	308527	23.800	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.552	132	350888	22.184	ng/u1	-0.01
15) 4-Methylphenol-d8	8.757	113	369118	22.299	ng/u1	-0.01
21) Nitrobenzene-d5	9.210	128	180315	21.600	ng/u1	0.00
24) 2-Nitrophenol-d4	9.940	143	202783	20.813	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.504	165	362309	20.868	ng/u1	0.00
31) 4-Chloroaniline-d4	11.016	131	487120	21.841	ng/u1	0.00
46) Dimethylphthalate-d6	14.081	166	1219079	22.319	ng/u1	0.00
49) Acenaphthylene-d8	14.363	160	1354932	22.066	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.957	143	89467	12.412	ng/u1	0.00
60) Fluorene-d10	15.663	176	1022184	22.728	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.845	200	191585	19.005	ng/u1	0.00
73) Anthracene-d10	17.533	188	1675493	22.377	ng/u1	-0.01
81) Pyrene-d10	19.769	212	2060248	19.184	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.892	264	2037868	22.789	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	53573	7.314	ng/uL	99
5) Pyridine	3.817	79	331708	18.480	ng/u1	97
6) Benzaldehyde	7.175	77	253394	29.911	ng/u1	96
8) Phenol	7.234	94	470425	21.635	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.440	93	378665	21.888	ng/u1	98
12) 2-Chlorophenol	7.581	128	347181	20.660	ng/u1	97
13) 2-Methylphenol	8.487	108	360309	21.947	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.552	45	576461	24.396	ng/u1	99
16) Acetophenone	8.869	105	583401	21.440	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.834	70	323534	21.408	ng/u1	98
18) 4-Methylphenol	8.828	108	385454	21.852	ng/u1	97
19) Hexachloroethane	9.081	117	153483	19.776	ng/u1	89
22) Nitrobenzene	9.252	77	478833	20.426	ng/u1	99
23) Isophorone	9.775	82	927195	20.668	ng/u1	98
25) 2-Nitrophenol	9.969	139	205314	19.856	ng/u1	96
26) 2,4-Dimethylphenol	10.034	107	413551	18.193	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.257	93	537757	21.234	ng/u1	99
29) 2,4-Dichlorophenol	10.534	162	341801	19.802	ng/u1	99
30) Naphthalene	10.887	128	1200179	20.211	ng/u1	99
32) 4-Chloroaniline	11.040	127	410417	17.712	ng/u1	97
33) Hexachlorobutadiene	11.146	225	214700	16.471	ng/u1	97
34) Caprolactam	11.863	113	131867m	24.975	ng/u1	
35) 4-Chloro-3-methylphenol	12.175	107	419147	20.745	ng/u1	99
36) 2-Methylnaphthalene	12.504	142	799896	20.463	ng/u1	97

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37) 1-Methylnaphthalene	12.716	142	813267	20.394	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.875	216	426511	18.315	ng/ul	99
40) Hexachlorocyclopentadiene	12.816	237	82656	11.864	ng/ul	97
41) 2,4,6-Trichlorophenol	13.134	196	272731	18.531	ng/ul	97
42) 2,4,5-Trichlorophenol	13.228	196	302083	19.351	ng/ul	99
43) 1,1'-Biphenyl	13.498	154	1102463	19.696	ng/ul#	97
44) 2-Chloronaphthalene	13.557	162	867830	19.681	ng/ul	98
45) 2-Nitroaniline	13.792	65	311875	22.478	ng/ul	95
47) Dimethylphthalate	14.128	163	1179049	20.858	ng/ul	99
48) 2,6-Dinitrotoluene	14.281	165	242934	21.186	ng/ul	100
50) Acenaphthylene	14.392	152	1399131	20.680	ng/ul	99
51) 3-Nitroaniline	14.634	138	239655	26.652	ng/ul	94
52) Acenaphthene	14.728	153	976381	20.811	ng/ul	98
53) 2,4-Dinitrophenol	14.881	184	101074	16.614	ng/ul	87
55) 4-Nitrophenol	14.987	109	168174	22.514	ng/ul#	55
56) Dibenzofuran	15.075	168	1358345	20.856	ng/ul	98
57) 2,4-Dinitrotoluene	15.092	165	351140	22.472	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.322	232	264194	19.703	ng/ul	100
59) Diethylphthalate	15.481	149	1222819	21.376	ng/ul	99
61) Fluorene	15.722	166	1126985	21.334	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.704	204	532502	19.700	ng/ul	97
63) 4-Nitroaniline	15.810	138	233375m	37.921	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.863	198	183352	17.976	ng/ul	94
67) N-Nitrosodiphenylamine	15.934	169	965956	19.685	ng/ul	99
68) 4-Bromophenyl-phenylether	16.604	248	337290	18.019	ng/ul	92
69) Hexachlorobenzene	16.733	284	403197	18.255	ng/ul	98
70) Atrazine	16.892	200	267818	14.258	ng/ul	98
71) Pentachlorophenol	17.110	266	172819	16.303	ng/ul	99
72) Phenanthrene	17.475	178	1893604	21.265	ng/ul	100
74) Anthracene	17.575	178	1891080	21.134	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.475	216	440927	16.531	ng/uL	98
76) Pentachlorobenzene	14.992	250	1045877	38.852	ng/uL	99
77) Carbazole	17.863	167	1754756	23.267	ng/ul	100
78) Di-n-butylphthalate	18.363	149	2220766	22.211	ng/ul	99
80) Fluoranthene	19.445	202	2341905	17.547	ng/ul	95
82) Pyrene	19.804	202	2453381	18.020	ng/ul#	92
83) Butylbenzylphthalate	20.639	149	1104444	19.884	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.445	252	829325	22.307	ng/ul	99
85) Benzo(a)anthracene	21.510	228	2325313	20.099	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	1616293	21.174	ng/ul#	99
87) Chrysene	21.569	228	2422215	22.067	ng/ul	99
89) Di-n-octyl phthalate	22.333	149	2765709	21.348	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	2391660m	20.997	ng/ul	
91) Benzo(k)fluoranthene	23.327	252	2373827	20.627	ng/ul	98
93) Benzo(a)pyrene	23.951	252	2088157	20.980	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.745	276	2464337	18.239	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.751	278	2009134	18.104	ng/ul#	94
96) Benzo(g,h,i)perylene	27.592	276	1937126	17.427	ng/ul#	95

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

