

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
 Data File : BP016109.D
 Acq On : 09 Jul 2023 00:57
 Operator : MA/JU
 Sample : 03350-03MS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBW27MS

Quant Time: Jul 09 02:06:21 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	315090	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.834	136	1461580	20.000	ng/u1	#-0.02
38) Acenaphthene-d10	14.663	164	954723	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.427	188	2148569	20.000	ng/u1	#-0.02
79) Chrysene-d12	21.527	240	1933662	20.000	ng/u1	-0.01
88) Perylene-d12	24.068	264	1952719	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	39670	4.530	ng/uL	0.00
4) Pyridine-d5	3.793	84	521556	23.625	ng/u1	-0.01
7) Phenol-d5	7.193	99	779047	28.897	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.340	67	518682	31.097	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.545	132	595716	29.272	ng/u1	-0.02
15) 4-Methylphenol-d8	8.751	113	649268	30.485	ng/u1	-0.02
21) Nitrobenzene-d5	9.204	128	311852	27.919	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.928	143	350306	26.871	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.486	165	626307	26.960	ng/u1	-0.02
31) 4-Chloroaniline-d4	11.004	131	854699	28.640	ng/u1	-0.02
46) Dimethylphthalate-d6	14.075	166	2070339	28.056	ng/u1	-0.01
49) Acenaphthylene-d8	14.363	160	2281042	27.498	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.939	143	223993	23.002	ng/u1	-0.02
60) Fluorene-d10	15.663	176	1700576	27.988	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.833	200	331755	25.107	ng/u1	-0.02
73) Anthracene-d10	17.533	188	2707577	27.588	ng/u1	-0.01
81) Pyrene-d10	19.762	212	3198075	25.328	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.892	264	2782020	28.243	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	96004	10.186	ng/uL	96
5) Pyridine	3.810	79	614584	26.611	ng/u1	98
6) Benzaldehyde	7.163	77	477424	43.801	ng/u1	98
8) Phenol	7.228	94	909636	32.514	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.434	93	724248	32.537	ng/u1	98
12) 2-Chlorophenol	7.575	128	655839	30.333	ng/u1	97
13) 2-Methylphenol	8.481	108	685522	32.454	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.545	45	1094697	36.007	ng/u1	99
16) Acetophenone	8.863	105	1136077	32.450	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.834	70	634445	32.628	ng/u1	99
18) 4-Methylphenol	8.822	108	747806	32.950	ng/u1	96
19) Hexachloroethane	9.081	117	282244	28.264	ng/u1	88
22) Nitrobenzene	9.245	77	917843	29.261	ng/u1	98
23) Isophorone	9.769	82	1806444	30.094	ng/u1	99
25) 2-Nitrophenol	9.963	139	406298	29.366	ng/u1#	91
26) 2,4-Dimethylphenol	10.022	107	810190	26.638	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.245	93	1062214	31.347	ng/u1	98
29) 2,4-Dichlorophenol	10.516	162	665585	28.818	ng/u1	100
30) Naphthalene	10.886	128	2254761	28.378	ng/u1	99
32) 4-Chloroaniline	11.034	127	825601	26.628	ng/u1	99
33) Hexachlorobutadiene	11.145	225	400873	22.983	ng/u1	99
34) Caprolactam	11.851	113	248813m	35.219	ng/u1	
35) 4-Chloro-3-methylphenol	12.163	107	819581	30.315	ng/u1	98
36) 2-Methylnaphthalene	12.498	142	1529842	29.249	ng/u1	98

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37) 1-Methylnaphthalene	12.716	142	1548622	29.023	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.869	216	805523	25.604	ng/ul	99
40) Hexachlorocyclopentadiene	12.816	237	223528	23.749	ng/ul	99
41) 2,4,6-Trichlorophenol	13.128	196	544952	27.408	ng/ul	98
42) 2,4,5-Trichlorophenol	13.216	196	592417	28.091	ng/ul	97
43) 1,1'-Biphenyl	13.498	154	2093630	27.686	ng/ul	98
44) 2-Chloronaphthalene	13.551	162	1632171	27.398	ng/ul	98
45) 2-Nitroaniline	13.786	65	601076	32.067	ng/ul	94
47) Dimethylphthalate	14.122	163	2168558	28.396	ng/ul	98
48) 2,6-Dinitrotoluene	14.275	165	463427	29.916	ng/ul	99
50) Acenaphthylene	14.392	152	2611182	28.568	ng/ul	100
51) 3-Nitroaniline	14.622	138	460463	37.905	ng/ul	91
52) Acenaphthene	14.727	153	1802230	28.434	ng/ul	98
53) 2,4-Dinitrophenol	14.863	184	212759	25.887	ng/ul	91
55) 4-Nitrophenol	14.951	109	361902m	35.863	ng/ul	
56) Dibenzofuran	15.069	168	2480068	28.187	ng/ul	99
57) 2,4-Dinitrotoluene	15.086	165	649533	30.769	ng/ul	85
58) 2,3,4,6-Tetrachlorophenol	15.316	232	500361	27.622	ng/ul	99
59) Diethylphthalate	15.480	149	2248027	29.089	ng/ul	99
61) Fluorene	15.722	166	2048247	28.700	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.704	204	990363	27.120	ng/ul	97
63) 4-Nitroaniline	15.798	138	419772	50.488	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.851	198	360047	26.931	ng/ul	97
67) N-Nitrosodiphenylamine	15.927	169	1744276	27.118	ng/ul	99
68) 4-Bromophenyl-phenylether	16.604	248	629733	25.667	ng/ul	91
69) Hexachlorobenzene	16.733	284	730694	25.240	ng/ul	98
70) Atrazine	16.892	200	528265	21.456	ng/ul	98
71) Pentachlorophenol	17.098	266	353131	25.415	ng/ul	95
72) Phenanthrene	17.474	178	3318832	28.434	ng/ul	99
74) Anthracene	17.568	178	3347139	28.538	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.469	216	842885	24.109	ng/ul	99
76) Pentachlorobenzene	14.986	250	1890727	53.584	ng/ul	99
77) Carbazole	17.857	167	3073590	31.092	ng/ul	99
78) Di-n-butylphthalate	18.357	149	4124512	31.472	ng/ul	100
80) Fluoranthene	19.439	202	3930173	25.046	ng/ul#	94
82) Pyrene	19.798	202	4113666	25.699	ng/ul#	91
83) Butylbenzylphthalate	20.639	149	1950645	29.870	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.445	252	1220226	27.915	ng/ul	98
85) Benzo(a)anthracene	21.504	228	3766163	27.688	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.380	149	2824186	31.468	ng/ul	99
87) Chrysene	21.568	228	3744991	29.019	ng/ul	100
89) Di-n-octyl phthalate	22.339	149	4716784	33.052	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	3568035	28.437	ng/ul	98
91) Benzo(k)fluoranthene	23.327	252	3686597	29.081	ng/ul#	97
93) Benzo(a)pyrene	23.945	252	3156954	28.795	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.744	276	3557291	23.901	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.750	278	2955884	24.180	ng/ul#	96
96) Benzo(g,h,i)perylene	27.591	276	2810703	22.956	ng/ul#	95

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

