

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
 Data File : BP019215.D
 Acq On : 02 Jan 2024 19:11
 Operator : MA/JU
 Sample : PB158101BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS101

Quant Time: Jan 02 22:06:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 03:48:11 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/04/2024
 Supervised By :mohammad ahmed 01/05/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	164995	20.000	ng/u1	0.00
20) Naphthalene-d8	10.598	136	632642	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	407207	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.198	188	958325	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	986168	20.000	ng/u1	0.00
88) Perylene-d12	23.668	264	1206882	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	33542	6.943	ng/uL	0.00
4) Pyridine-d5	3.663	84	456830	37.674	ng/u1	0.01
7) Phenol-d5	6.987	99	547372	36.994	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	314130	36.698	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	427016	35.798	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	416962	36.196	ng/u1	0.00
21) Nitrobenzene-d5	8.969	128	202977	37.115	ng/u1	0.00
24) 2-Nitrophenol-d4	9.687	143	231660	39.195	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	443404	37.152	ng/u1	0.00
31) 4-Chloroaniline-d4	10.745	131	523670	35.672	ng/u1	0.00
46) Dimethylphthalate-d6	13.863	166	1257259	34.955	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	1437715	36.839	ng/u1	0.00
54) 4-Nitrophenol-d4	14.674	143	239036	39.356	ng/u1	0.01
60) Fluorene-d10	15.439	176	1097181	35.310	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.574	200	239485	38.120	ng/u1	0.00
73) Anthracene-d10	17.298	188	1786590	35.698	ng/u1	0.00
81) Pyrene-d10	19.545	212	2238080	37.238	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.521	264	2482710	35.789	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.275	88	66533	12.526	ng/uL	96
5) Pyridine	3.681	79	452444	36.759	ng/u1	94
6) Benzaldehyde	6.945	77	290880	42.340	ng/u1	98
8) Phenol	7.010	94	537752	36.795	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.234	93	421049	35.607	ng/u1	99
12) 2-Chlorophenol	7.369	128	426730	34.953	ng/u1	98
13) 2-Methylphenol	8.257	108	393201	36.369	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.328	45	519221	37.222	ng/u1	99
16) Acetophenone	8.634	105	633487	36.718	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.622	70	306337	35.608	ng/u1	98
18) 4-Methylphenol	8.587	108	422088	36.271	ng/u1	98
19) Hexachloroethane	8.869	117	180003	35.150	ng/u1	98
22) Nitrobenzene	9.010	77	479648	35.900	ng/u1	98
23) Isophorone	9.539	82	898649	37.299	ng/u1	98
25) 2-Nitrophenol	9.716	139	235636	37.340	ng/u1	98
26) 2,4-Dimethylphenol	9.787	107	402642	36.242	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.022	93	542958	34.096	ng/u1	100
29) 2,4-Dichlorophenol	10.251	162	415182	35.598	ng/u1	99
30) Naphthalene	10.645	128	1305577	34.228	ng/u1	100
32) 4-Chloroaniline	10.769	127	465173	33.023	ng/u1	99
33) Hexachlorobutadiene	10.922	225	316026	35.209	ng/u1	98
34) Caprolactam	11.575	113	132355	42.964	ng/u1	97
35) 4-Chloro-3-methylphenol	11.904	107	431141	37.658	ng/u1	98
36) 2-Methylnaphthalene	12.263	142	886938	34.488	ng/u1	99

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37) 1-Methylnaphthalene	12.480	142	875104	33.744	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.628	216	554926	33.089	ng/ul	99
40) Hexachlorocyclopentadiene	12.604	237	284363	30.547	ng/ul	98
41) 2,4,6-Trichlorophenol	12.880	196	361673	36.136	ng/ul	98
42) 2,4,5-Trichlorophenol	12.957	196	387138	36.439	ng/ul	99
43) 1,1'-Biphenyl	13.275	154	1179339	33.201	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	965230	33.864	ng/ul	99
45) 2-Nitroaniline	13.533	65	272773	39.864	ng/ul	92
47) Dimethylphthalate	13.910	163	1218220	34.312	ng/ul	99
48) 2,6-Dinitrotoluene	14.033	165	252313	38.674	ng/ul	98
50) Acenaphthylene	14.169	152	1557018	35.459	ng/ul	100
51) 3-Nitroaniline	14.363	138	250266	39.238	ng/ul	98
52) Acenaphthene	14.510	153	1021343	34.319	ng/ul	99
53) 2,4-Dinitrophenol	14.575	184	152299	36.235	ng/ul	98
55) 4-Nitrophenol	14.692	109	183393	37.782	ng/ul	95
56) Dibenzofuran	14.845	168	1435849	33.786	ng/ul	97
57) 2,4-Dinitrotoluene	14.827	165	373667	38.944	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.074	232	354573	38.198	ng/ul	97
59) Diethylphthalate	15.274	149	1229454	35.715	ng/ul	100
61) Fluorene	15.498	166	1184605	34.825	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.492	204	628964	33.858	ng/ul	100
63) 4-Nitroaniline	15.533	138	280016m	43.636	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.586	198	250295	37.628	ng/ul	98
67) N-Nitrosodiphenylamine	15.710	169	1009149	34.503	ng/ul	99
68) 4-Bromophenyl-phenylether	16.392	248	420979	35.343	ng/ul	99
69) Hexachlorobenzene	16.498	284	499139	34.290	ng/ul	98
70) Atrazine	16.674	200	371797	45.043	ng/ul	99
71) Pentachlorophenol	16.851	266	414248	48.471	ng/ul	98
72) Phenanthrene	17.245	178	1985065	34.180	ng/ul	99
74) Anthracene	17.339	178	2014924	34.850	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.239	216	557337	33.448	ng/uL	98
76) Pentachlorobenzene	14.763	250	550258	33.233	ng/uL	98
77) Carbazole	17.616	167	1868336	38.849	ng/ul	100
78) Di-n-butylphthalate	18.168	149	2268737	38.037	ng/ul	100
80) Fluoranthene	19.221	202	2561879	37.147	ng/ul	99
82) Pyrene	19.574	202	2608123	36.095	ng/ul	99
83) Butylbenzylphthalate	20.457	149	1073435	41.589	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.227	252	819844	33.233	ng/ul	100
85) Benzo(a)anthracene	21.292	228	2761242	35.438	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.215	149	1535678	40.406	ng/ul	99
87) Chrysene	21.345	228	2578951	35.496	ng/ul	99
89) Di-n-octyl phthalate	22.127	149	2772284	40.169	ng/ul	100
90) Benzo(b)fluoranthene	22.951	252	2922392	34.473	ng/ul	100
91) Benzo(k)fluoranthene	22.998	252	2823767	33.899	ng/ul	99
93) Benzo(a)pyrene	23.568	252	2773792	34.764	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.133	276	3514536	34.361	ng/ul	98
95) Dibenzo(a,h)anthracene	26.144	278	2932476	34.464	ng/ul	99
96) Benzo(g,h,i)perylene	26.886	276	2825529	34.472	ng/ul	98

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

