

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
 Data File : BP019206.D
 Acq On : 02 Jan 2024 14:05
 Operator : MA/JU
 Sample : 05918-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GCF16MS

Quant Time: Jan 03 01:21:31 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	7.799	152	162474	20.000	ng/u1	0.00
20) Naphthalene-d8	10.593	136	583920	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.440	164	340968	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.198	188	770152	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	821290	20.000	ng/u1	0.00
88) Perylene-d12	23.669	264	1038813	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	22503	4.730	ng/uL	0.00
4) Pyridine-d5	3.658	84	133037	11.142	ng/u1	0.00
7) Phenol-d5	6.975	99	361177	24.789	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	218952	25.976	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	299192	25.471	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	222272	19.594	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	139486	27.634	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	154322	28.289	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	303807	27.579	ng/u1	0.00
31) 4-Chloroaniline-d4	10.746	131	51083	3.770	ng/u1	0.00
46) Dimethylphthalate-d6	13.863	166	783728	26.023	ng/u1	0.00
49) Acenaphthylene-d8	14.134	160	907108	27.759	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	121784	23.947	ng/u1	0.00
60) Fluorene-d10	15.440	176	704443	27.075	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	115661	22.908	ng/u1	0.00
73) Anthracene-d10	17.298	188	1039002	25.833	ng/u1	0.00
81) Pyrene-d10	19.545	212	1394857	27.868	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.516	264	1588050	26.596	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.270	88	53745	10.275	ng/uL	98
5) Pyridine	3.676	79	257438	21.240	ng/u1	99
6) Benzaldehyde	6.946	77	256074	37.852	ng/u1	95
8) Phenol	7.005	94	448081	31.135	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.234	93	365953	31.428	ng/u1	96
12) 2-Chlorophenol	7.364	128	352210	29.296	ng/u1	98
13) 2-Methylphenol	8.252	108	270643	25.422	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.328	45	405340	29.509	ng/u1	99
16) Acetophenone	8.628	105	555310	32.686	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.611	70	234684	27.702	ng/u1	97
18) 4-Methylphenol	8.581	108	310074	27.059	ng/u1	97
19) Hexachloroethane	8.869	117	152753	30.292	ng/u1	92
22) Nitrobenzene	9.005	77	380071	30.820	ng/u1	97
23) Isophorone	9.534	82	680840	30.617	ng/u1	100
25) 2-Nitrophenol	9.716	139	187347	32.165	ng/u1	97
26) 2,4-Dimethylphenol	9.781	107	94344	9.201	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.016	93	437854	29.790	ng/u1	99
29) 2,4-Dichlorophenol	10.246	162	338274	31.424	ng/u1	99
30) Naphthalene	10.646	128	1079462	30.662	ng/u1	99
32) 4-Chloroaniline	10.769	127	77039	5.925	ng/u1	98
33) Hexachlorobutadiene	10.922	225	272717	32.919	ng/u1	97
34) Caprolactam	11.557	113	98824	34.756	ng/u1	98
35) 4-Chloro-3-methylphenol	11.899	107	314193	29.733	ng/u1	99
36) 2-Methylnaphthalene	12.257	142	727511	30.650	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.475	142	710154	29.669	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.628	216	464489	33.076	ng/ul	99
40) Hexachlorocyclopentadiene	12.604	237	265682	34.085	ng/ul	98
41) 2,4,6-Trichlorophenol	12.875	196	287031	34.250	ng/ul	98
42) 2,4,5-Trichlorophenol	12.951	196	308913	34.724	ng/ul	99
43) 1,1'-Biphenyl	13.275	154	948184	31.879	ng/ul	100
44) 2-Chloronaphthalene	13.316	162	783341	32.822	ng/ul	99
45) 2-Nitroaniline	13.534	65	194065	33.871	ng/ul	99
47) Dimethylphthalate	13.910	163	912147	30.682	ng/ul	100
48) 2,6-Dinitrotoluene	14.034	165	180878	33.110	ng/ul	93
50) Acenaphthylene	14.163	152	1173472	31.916	ng/ul	100
51) 3-Nitroaniline	14.357	138	60300	11.291	ng/ul	97
52) Acenaphthene	14.504	153	780534	31.323	ng/ul	99
53) 2,4-Dinitrophenol	14.569	184	91443	25.982	ng/ul	94
55) 4-Nitrophenol	14.681	109	135438	33.323	ng/ul	96
56) Dibenzofuran	14.840	168	1110096	31.195	ng/ul	99
57) 2,4-Dinitrotoluene	14.816	165	260901	32.474	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.075	232	277020	35.641	ng/ul	95
59) Diethylphthalate	15.275	149	894721	31.040	ng/ul	100
61) Fluorene	15.493	166	894820	31.416	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.493	204	484171	31.127	ng/ul	98
63) 4-Nitroaniline	15.522	138	88379m	16.448	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.581	198	149494	27.965	ng/ul	96
67) N-Nitrosodiphenylamine	15.710	169	751037	31.952	ng/ul	99
68) 4-Bromophenyl-phenylether	16.387	248	322456	33.686	ng/ul	99
69) Hexachlorobenzene	16.498	284	377025	32.229	ng/ul	97
70) Atrazine	16.675	200	290304	43.764	ng/ul	99
71) Pentachlorophenol	16.851	266	567248	82.591	ng/ul	98
72) Phenanthrene	17.240	178	1497900	32.094	ng/ul	99
74) Anthracene	17.334	178	1431543	30.809	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.234	216	457750	34.184	ng/ul	99
76) Pentachlorobenzene	14.757	250	430891	32.382	ng/ul	97
77) Carbazole	17.610	167	1380660	35.723	ng/ul	100
78) Di-n-butylphthalate	18.169	149	1595488	33.285	ng/ul	100
80) Fluoranthene	19.216	202	1910669	33.266	ng/ul	100
82) Pyrene	19.569	202	1971842	32.768	ng/ul	99
83) Butylbenzylphthalate	20.457	149	776787	36.138	ng/ul	98
85) Benzo(a)anthracene	21.292	228	2116608	32.618	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.216	149	1129167	35.674	ng/ul	100
87) Chrysene	21.339	228	1994732	32.966	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	2037101	34.292	ng/ul	100
90) Benzo(b)fluoranthene	22.951	252	2393565	32.803	ng/ul	99
91) Benzo(k)fluoranthene	22.998	252	2234472	31.164	ng/ul	99
93) Benzo(a)pyrene	23.563	252	2129136	31.002	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.127	276	2857397	32.456	ng/ul	97
95) Dibenzo(a,h)anthracene	26.145	278	2365473	32.298	ng/ul	99
96) Benzo(g,h,i)perylene	26.886	276	2280942	32.330	ng/ul	98

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

