

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
 Data File : BP019252.D
 Acq On : 03 Jan 2024 17:16
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020736

Quant Time: Jan 04 04:48:04 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	195103	20.000	ng/u1	0.00
20) Naphthalene-d8	10.593	136	698530	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.440	164	411488	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.198	188	986783	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1145716	20.000	ng/u1	0.00
88) Perylene-d12	23.669	264	1386270	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	45698	7.999	ng/uL	0.00
4) Pyridine-d5	3.658	84	300937	20.988	ng/u1	0.00
7) Phenol-d5	6.987	99	352112	20.125	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	205045	20.258	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	286377	20.303	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	260720	19.140	ng/u1	0.00
21) Nitrobenzene-d5	8.964	128	126118	20.886	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	142912	21.899	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	268919	20.407	ng/u1	0.00
31) 4-Chloroaniline-d4	10.746	131	314257	19.388	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	693286	19.075	ng/u1	-0.01
49) Acenaphthylene-d8	14.134	160	821660	20.835	ng/u1	0.00
54) 4-Nitrophenol-d4	14.681	143	132090	21.522	ng/u1	0.02
60) Fluorene-d10	15.440	176	624233	19.880	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	106913	16.527	ng/u1	0.00
73) Anthracene-d10	17.298	188	1049509	20.366	ng/u1	0.00
81) Pyrene-d10	19.545	212	1383539	19.814	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.516	264	1574753	19.763	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.270	88	50668	8.067	ng/uL	98
5) Pyridine	3.676	79	308407	21.190	ng/u1	95
6) Benzaldehyde	6.946	77	163026	20.068	ng/u1	97
8) Phenol	7.017	94	349324	20.214	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.228	93	279951	20.021	ng/u1	99
12) 2-Chlorophenol	7.364	128	287768	19.933	ng/u1	99
13) 2-Methylphenol	8.258	108	251630	19.683	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.322	45	331071	20.071	ng/u1	99
16) Acetophenone	8.628	105	395020	19.363	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.611	70	186516	18.334	ng/u1	99
18) 4-Methylphenol	8.593	108	263091	19.119	ng/u1	100
19) Hexachloroethane	8.864	117	119703	19.768	ng/u1	99
22) Nitrobenzene	9.005	77	300857	20.394	ng/u1	97
23) Isophorone	9.534	82	527639	19.834	ng/u1	99
25) 2-Nitrophenol	9.716	139	146291	20.995	ng/u1	100
26) 2,4-Dimethylphenol	9.787	107	253734	20.684	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.016	93	329515	18.741	ng/u1	99
29) 2,4-Dichlorophenol	10.252	162	257752	20.016	ng/u1	98
30) Naphthalene	10.646	128	841246	19.975	ng/u1	100
32) 4-Chloroaniline	10.769	127	306144	19.683	ng/u1	100
33) Hexachlorobutadiene	10.922	225	207485	20.936	ng/u1	98
34) Caprolactam	11.563	113	64996m	19.108	ng/u1	
35) 4-Chloro-3-methylphenol	11.910	107	248085	19.625	ng/u1	99
36) 2-Methylnaphthalene	12.257	142	545862	19.224	ng/u1	99

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37) 1-Methylnaphthalene	12.481	142	546962	19.102	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.628	216	340388	20.085	ng/ul	97
40) Hexachlorocyclopentadiene	12.599	237	248459	26.413	ng/ul	99
41) 2,4,6-Trichlorophenol	12.881	196	206953	20.462	ng/ul	99
42) 2,4,5-Trichlorophenol	12.957	196	228600	21.293	ng/ul	99
43) 1,1'-Biphenyl	13.275	154	708270	19.732	ng/ul	100
44) 2-Chloronaphthalene	13.316	162	586065	20.348	ng/ul	100
45) 2-Nitroaniline	13.534	65	148993	21.548	ng/ul	97
47) Dimethylphthalate	13.910	163	678829	18.921	ng/ul	99
48) 2,6-Dinitrotoluene	14.034	165	136629	20.724	ng/ul	97
50) Acenaphthylene	14.163	152	913630	20.591	ng/ul	99
51) 3-Nitroaniline	14.363	138	144257	22.382	ng/ul	98
52) Acenaphthene	14.504	153	605536	20.136	ng/ul	100
53) 2,4-Dinitrophenol	14.575	184	77372	18.217	ng/ul	97
55) 4-Nitrophenol	14.693	109	103876	21.178	ng/ul	94
56) Dibenzofuran	14.840	168	848782	19.764	ng/ul	97
57) 2,4-Dinitrotoluene	14.822	165	203688	21.008	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.075	232	195400	20.831	ng/ul	98
59) Diethylphthalate	15.269	149	659442	18.957	ng/ul	99
61) Fluorene	15.493	166	695169	20.224	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.493	204	363297	19.354	ng/ul	99
63) 4-Nitroaniline	15.528	138	162181m	25.010	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.587	198	111914	16.339	ng/ul	99
67) N-Nitrosodiphenylamine	15.710	169	576128	19.130	ng/ul	99
68) 4-Bromophenyl-phenylether	16.387	248	235833	19.228	ng/ul	99
69) Hexachlorobenzene	16.498	284	284933	19.010	ng/ul	98
70) Atrazine	16.669	200	177776	20.917	ng/ul	100
71) Pentachlorophenol	16.851	266	193497	21.988	ng/ul	98
72) Phenanthrene	17.240	178	1174567	19.641	ng/ul	99
74) Anthracene	17.334	178	1204604	20.234	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.234	216	337375	19.663	ng/uL	99
76) Pentachlorobenzene	14.757	250	325718	19.104	ng/uL	99
77) Carbazole	17.616	167	1113344	22.482	ng/ul	99
78) Di-n-butylphthalate	18.163	149	1186228	19.314	ng/ul	100
80) Fluoranthene	19.216	202	1556577	19.427	ng/ul	100
82) Pyrene	19.569	202	1651162	19.669	ng/ul	100
83) Butylbenzylphthalate	20.451	149	626344	20.888	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.228	252	577209	20.139	ng/ul	99
85) Benzo(a)anthracene	21.286	228	1816533	20.067	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	885685	20.058	ng/ul	100
87) Chrysene	21.339	228	1664737	19.722	ng/ul	99
89) Di-n-octyl phthalate	22.128	149	1609146	20.298	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	1854860	19.049	ng/ul	99
91) Benzo(k)fluoranthene	22.998	252	1882183	19.671	ng/ul	100
93) Benzo(a)pyrene	23.563	252	1781886	19.443	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.127	276	2269152	19.314	ng/ul	99
95) Dibenzo(a,h)anthracene	26.139	278	1884232	19.279	ng/ul	99
96) Benzo(g,h,i)perylene	26.880	276	1827674	19.412	ng/ul	97

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

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