

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032524\
 Data File : BP019989.D
 Acq On : 25 Mar 2024 20:18
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020763

Quant Time: Mar 26 00:22:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 25 10:46:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/26/2024
 Supervised By :mohammad ahmed 03/27/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	113228	20.000	ng/u1	0.00
20) Naphthalene-d8	10.363	136	483306	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.245	164	323142	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.063	188	639595	20.000	ng/u1	-0.01
79) Chrysene-d12	21.533	240	484078	20.000	ng/u1	-0.01
88) Perylene-d12	24.810	264	523100	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	22307	8.632	ng/uL	0.00
4) Pyridine-d5	3.640	84	160084	20.515	ng/u1	0.00
7) Phenol-d5	6.799	99	202564	21.212	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	136179	21.888	ng/u1	0.00
11) 2-Chlorophenol-d4	7.152	132	145061	21.152	ng/u1	0.00
15) 4-Methylphenol-d8	8.316	113	162894	22.048	ng/u1	0.01
21) Nitrobenzene-d5	8.763	128	76626	20.685	ng/u1	0.00
24) 2-Nitrophenol-d4	9.475	143	86417	20.850	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.999	165	159532	21.076	ng/u1	0.00
31) 4-Chloroaniline-d4	10.522	131	215516	21.840	ng/u1	0.00
46) Dimethylphthalate-d6	13.669	166	468046	20.659	ng/u1	0.02
49) Acenaphthylene-d8	13.934	160	549922	20.778	ng/u1	0.00
54) 4-Nitrophenol-d4	14.487	143	67998	19.091	ng/u1	0.00
60) Fluorene-d10	15.269	176	399286	20.689	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.404	200	76329	19.937	ng/u1	-0.02
73) Anthracene-d10	17.175	188	581050	20.523	ng/u1	0.00
81) Pyrene-d10	19.563	212	615352	21.666	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.580	264	519888	20.687	ng/u1	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.275	88	24418	8.280	ng/uL	98
5) Pyridine	3.658	79	162337	20.410	ng/u1	98
6) Benzaldehyde	6.787	77	131087	27.760	ng/u1	99
8) Phenol	6.828	94	208033	20.837	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.058	93	173993	21.519	ng/u1	99
12) 2-Chlorophenol	7.187	128	152496	21.099	ng/u1	94
13) 2-Methylphenol	8.052	108	160339	22.278	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.128	45	250090	22.494	ng/u1	99
16) Acetophenone	8.434	105	270918	22.733	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.410	70	153621	23.112	ng/u1	99
18) 4-Methylphenol	8.381	108	168927	21.807	ng/u1	99
19) Hexachloroethane	8.663	117	69685	20.758	ng/u1	95
22) Nitrobenzene	8.805	77	228268	21.633	ng/u1	100
23) Isophorone	9.322	82	426885	21.704	ng/u1	99
25) 2-Nitrophenol	9.505	139	91849	21.257	ng/u1	94
26) 2,4-Dimethylphenol	9.557	107	197903	20.982	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.799	93	248858	21.638	ng/u1	99
29) 2,4-Dichlorophenol	10.028	162	156198	21.094	ng/u1	98
30) Naphthalene	10.416	128	522942	21.091	ng/u1	99
32) 4-Chloroaniline	10.552	127	213216	22.017	ng/u1	95
33) Hexachlorobutadiene	10.675	225	115912	19.863	ng/u1	99
34) Caprolactam	11.346	113	50321m	21.862	ng/u1	
35) 4-Chloro-3-methylphenol	11.675	107	187801	22.831	ng/u1	95
36) 2-Methylnaphthalene	12.040	142	357463	21.653	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.251	142	355184	21.513	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.410	216	213255	19.961	ng/ul	99
40) Hexachlorocyclopentadiene	12.369	237	105922	17.520	ng/ul	99
41) 2,4,6-Trichlorophenol	12.657	196	132392	20.171	ng/ul	99
42) 2,4,5-Trichlorophenol	12.734	196	139120	20.493	ng/ul	98
43) 1,1'-Biphenyl	13.063	154	472822	20.205	ng/ul	99
44) 2-Chloronaphthalene	13.110	162	381772	20.230	ng/ul	99
45) 2-Nitroaniline	13.340	65	129800	21.835	ng/ul	99
47) Dimethylphthalate	13.716	163	477739	20.891	ng/ul	99
48) 2,6-Dinitrotoluene	13.840	165	95926	20.660	ng/ul	99
50) Acenaphthylene	13.957	152	613128	20.716	ng/ul	99
51) 3-Nitroaniline	14.181	138	93292	21.818	ng/ul	94
52) Acenaphthene	14.304	153	402164	20.454	ng/ul	100
53) 2,4-Dinitrophenol	14.398	184	47450	17.957	ng/ul	97
55) 4-Nitrophenol	14.504	109	66508	20.348	ng/ul	96
56) Dibenzofuran	14.651	168	553214	20.718	ng/ul	97
57) 2,4-Dinitrotoluene	14.645	165	136203	21.456	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.892	232	120844	20.758	ng/ul	96
59) Diethylphthalate	15.104	149	455658	20.093	ng/ul	98
61) Fluorene	15.328	166	449149	20.623	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.328	204	233593	20.025	ng/ul	99
63) 4-Nitroaniline	15.363	138	82370	22.555	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.416	198	80433	19.796	ng/ul	98
67) N-Nitrosodiphenylamine	15.545	169	374601	21.204	ng/ul	98
68) 4-Bromophenyl-phenylether	16.234	248	142293	20.499	ng/ul	98
69) Hexachlorobenzene	16.334	284	157561	20.441	ng/ul	98
70) Atrazine	16.534	200	135680	20.045	ng/ul	98
71) Pentachlorophenol	16.704	266	87482	19.361	ng/ul	97
72) Phenanthrene	17.110	178	674335	20.392	ng/ul	100
74) Anthracene	17.216	178	700402	20.860	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.022	216	209215	20.063	ng/uL	99
76) Pentachlorobenzene	14.575	250	200050	20.715	ng/uL	99
77) Carbazole	17.504	167	582014	20.271	ng/ul	98
78) Di-n-butylphthalate	18.092	149	667787	18.627	ng/ul	99
80) Fluoranthene	19.216	202	744691	22.323	ng/ul	99
82) Pyrene	19.598	202	769630	22.198	ng/ul	98
83) Butylbenzylphthalate	20.575	149	267398	18.993	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.445	252	203487	19.767	ng/ul	98
85) Benzo(a)anthracene	21.510	228	685583	20.466	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.463	149	358311	17.417	ng/ul	96
87) Chrysene	21.574	228	645680	20.732	ng/ul	99
89) Di-n-octyl phthalate	22.727	149	589984	17.783	ng/ul	100
90) Benzo(b)fluoranthene	23.774	252	622238m	20.289	ng/ul	
91) Benzo(k)fluoranthene	23.839	252	649986	20.855	ng/ul	99
93) Benzo(a)pyrene	24.645	252	611689	20.619	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.533	276	758172m	20.291	ng/ul	
95) Dibenzo(a,h)anthracene	28.604	278	625145	20.568	ng/ul	98
96) Benzo(g,h,i)perylene	29.662	276	615997	20.410	ng/ul	100

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

