

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
 Data File : BP019441.D
 Acq On : 24 Jan 2024 03:28
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020759

Quant Time: Jan 24 04:34:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 22 11:49:04 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024
 Supervised By :mohammad ahmed 01/25/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	187369	20.000	ng/u1	0.00
20) Naphthalene-d8	10.563	136	744669	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.416	164	643118	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	1574040	20.000	ng/u1	0.00
79) Chrysene-d12	21.274	240	1336928	20.000	ng/u1	0.00
88) Perylene-d12	23.621	264	1586311	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	30627	6.181	ng/uL	0.00
4) Pyridine-d5	3.634	84	258670	18.053	ng/u1	0.00
7) Phenol-d5	6.957	99	312591	17.455	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	182586	17.046	ng/u1	0.00
11) 2-Chlorophenol-d4	7.305	132	225390	18.322	ng/u1	0.00
15) 4-Methylphenol-d8	8.499	113	267113	18.801	ng/u1	0.00
21) Nitrobenzene-d5	8.934	128	113342	18.092	ng/u1	0.00
24) 2-Nitrophenol-d4	9.657	143	138732	19.058	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	296302	20.148	ng/u1	0.00
31) 4-Chloroaniline-d4	10.716	131	342892	18.458	ng/u1	0.00
46) Dimethylphthalate-d6	13.834	166	1206667	21.238	ng/u1	0.00
49) Acenaphthylene-d8	14.104	160	1073434	17.624	ng/u1	0.00
54) 4-Nitrophenol-d4	14.657	143	156683	17.958	ng/u1	0.00
60) Fluorene-d10	15.410	176	910220	19.567	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	216443	18.625	ng/u1	0.00
73) Anthracene-d10	17.269	188	1399496	17.827	ng/u1	0.00
81) Pyrene-d10	19.516	212	1521941	17.458	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.468	264	1541671	17.873	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	32809	6.392	ng/uL	97
5) Pyridine	3.652	79	260157	17.873	ng/u1	95
6) Benzaldehyde	6.916	77	176506	22.608	ng/u1	97
8) Phenol	6.987	94	317746	17.612	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.205	93	248762	17.190	ng/u1	99
12) 2-Chlorophenol	7.334	128	229691	18.065	ng/u1	99
13) 2-Methylphenol	8.228	108	245956	18.176	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.299	45	306279	17.786	ng/u1	99
16) Acetophenone	8.599	105	412182	18.213	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.587	70	251677	21.344	ng/u1	99
18) 4-Methylphenol	8.563	108	274461	19.052	ng/u1	98
19) Hexachloroethane	8.834	117	105743	18.412	ng/u1	97
22) Nitrobenzene	8.981	77	319759	18.245	ng/u1	97
23) Isophorone	9.504	82	760753	22.391	ng/u1	99
25) 2-Nitrophenol	9.687	139	141382	18.490	ng/u1	98
26) 2,4-Dimethylphenol	9.757	107	324550	19.686	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.987	93	363973	18.626	ng/u1	99
29) 2,4-Dichlorophenol	10.222	162	290238	20.479	ng/u1	98
30) Naphthalene	10.610	128	752478	17.933	ng/u1	99
32) 4-Chloroaniline	10.740	127	337878	18.591	ng/u1	99
33) Hexachlorobutadiene	10.887	225	237770	19.445	ng/u1	98
34) Caprolactam	11.540	113	111199m	25.019	ng/u1	
35) 4-Chloro-3-methylphenol	11.881	107	395886	25.160	ng/u1	96
36) 2-Methylnaphthalene	12.228	142	558795	18.303	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.445	142	568513	19.032	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.598	216	450045	16.148	ng/ul	98
40) Hexachlorocyclopentadiene	12.569	237	259496	14.508	ng/ul	98
41) 2,4,6-Trichlorophenol	12.851	196	346347	20.195	ng/ul	100
42) 2,4,5-Trichlorophenol	12.928	196	391722	21.313	ng/ul	97
43) 1,1'-Biphenyl	13.245	154	901528	16.969	ng/ul	99
44) 2-Chloronaphthalene	13.287	162	704664	16.401	ng/ul	100
45) 2-Nitroaniline	13.510	65	265804	21.569	ng/ul	96
47) Dimethylphthalate	13.881	163	1209109	21.412	ng/ul	100
48) 2,6-Dinitrotoluene	14.010	165	250051	22.394	ng/ul	99
50) Acenaphthylene	14.134	152	1174883	17.612	ng/ul	100
51) 3-Nitroaniline	14.339	138	182684	18.757	ng/ul	98
52) Acenaphthene	14.475	153	779914	17.843	ng/ul	98
53) 2,4-Dinitrophenol	14.557	184	142954	19.525	ng/ul	96
55) 4-Nitrophenol	14.669	109	176401	18.722	ng/ul	98
56) Dibenzofuran	14.816	168	1186001	18.952	ng/ul	99
57) 2,4-Dinitrotoluene	14.804	165	335091	21.388	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.051	232	349975	21.449	ng/ul	96
59) Diethylphthalate	15.245	149	1100469	20.825	ng/ul	99
61) Fluorene	15.469	166	1012670	19.757	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.463	204	629875	20.592	ng/ul	97
63) 4-Nitroaniline	15.510	138	151619	20.080	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.569	198	227672	18.484	ng/ul#	95
67) N-Nitrosodiphenylamine	15.681	169	872350	18.800	ng/ul	99
68) 4-Bromophenyl-phenylether	16.357	248	419318	19.503	ng/ul	98
69) Hexachlorobenzene	16.469	284	468815	18.921	ng/ul	96
70) Atrazine	16.645	200	226106	11.179	ng/ul	96
71) Pentachlorophenol	16.822	266	285318	18.540	ng/ul	98
72) Phenanthrene	17.210	178	1561536	17.661	ng/ul	100
74) Anthracene	17.304	178	1593605	17.780	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.210	216	463668	15.909	ng/ul	98
76) Pentachlorobenzene	14.734	250	537732	18.994	ng/ul	99
77) Carbazole	17.586	167	1276077	16.734	ng/ul	99
78) Di-n-butylphthalate	18.133	149	1613124	17.677	ng/ul	98
80) Fluoranthene	19.192	202	1791669	17.387	ng/ul	97
82) Pyrene	19.545	202	1807055	17.278	ng/ul	97
83) Butylbenzylphthalate	20.421	149	607718	16.936	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.198	252	505778	16.662	ng/ul	99
85) Benzo(a)anthracene	21.257	228	1825397	17.539	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.180	149	851074	16.524	ng/ul	100
87) Chrysene	21.310	228	1675234	17.609	ng/ul	99
89) Di-n-octyl phthalate	22.086	149	1433134	13.236	ng/ul	100
90) Benzo(b)fluoranthene	22.904	252	1876230	16.551	ng/ul	98
91) Benzo(k)fluoranthene	22.951	252	1871198	17.015	ng/ul	99
93) Benzo(a)pyrene	23.521	252	1789294	17.565	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.056	276	2354185	19.542	ng/ul	97
95) Dibenzo(a,h)anthracene	26.074	278	1952908	19.582	ng/ul	99
96) Benzo(g,h,i)perylene	26.809	276	1886631	19.500	ng/ul	97

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

