

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081523\
 Data File : BP016585.D
 Acq On : 15 Aug 2023 08:46
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020683

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/16/2023
 Supervised By :Sohil Jodhani 08/16/2023

Quant Time: Aug 15 17:17:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 14 18:26:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	460389	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	2079608	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.704	164	1254833	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.475	188	2745827	20.000	ng/u1	0.00
79) Chrysene-d12	21.574	240	2520565	20.000	ng/u1	0.00
88) Perylene-d12	24.163	264	2641324	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	97542	8.051	ng/uL	0.00
4) Pyridine-d5	3.828	84	759143	20.594	ng/u1	0.00
7) Phenol-d5	7.193	99	875142	20.619	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.393	67	569212	20.361	ng/u1	0.00
11) 2-Chlorophenol-d4	7.575	132	660369	21.662	ng/u1	0.00
15) 4-Methylphenol-d8	8.757	113	700477	20.755	ng/u1	0.00
21) Nitrobenzene-d5	9.252	128	330662	22.597	ng/u1	0.00
24) 2-Nitrophenol-d4	9.969	143	332664	23.936	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	630617	23.057	ng/u1	0.00
31) 4-Chloroaniline-d4	11.046	131	979319	20.869	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	1921861	21.175	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	2260043	22.062	ng/u1	0.00
54) 4-Nitrophenol-d4	14.904	143	393835	21.301	ng/u1	0.00
60) Fluorene-d10	15.698	176	1636387	21.149	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	238469	18.256	ng/u1	0.00
73) Anthracene-d10	17.575	188	2561241	21.565	ng/u1	0.00
81) Pyrene-d10	19.804	212	2995911	22.684	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.992	264	2761907	21.819	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.428	88	106130	7.967	ng/uL	100
5) Pyridine	3.852	79	786111	20.554	ng/u1	96
6) Benzaldehyde	7.210	77	562690	24.049	ng/u1	98
8) Phenol	7.222	94	934385	20.597	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.487	93	743802	20.298	ng/u1	99
12) 2-Chlorophenol	7.605	128	681957	21.260	ng/u1	100
13) 2-Methylphenol	8.493	108	684110	20.761	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.569	45	1039266m	20.352	ng/u1	
16) Acetophenone	8.905	105	1126402	20.668	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.875	70	603089	20.633	ng/u1	99
18) 4-Methylphenol	8.822	108	747686	20.645	ng/u1	95
19) Hexachloroethane	9.134	117	277227	20.686	ng/u1	98
22) Nitrobenzene	9.299	77	885449	21.616	ng/u1	98
23) Isophorone	9.810	82	1676393	21.667	ng/u1	100
25) 2-Nitrophenol	10.004	139	372507	23.445	ng/u1	98
26) 2,4-Dimethylphenol	10.040	107	810487	21.638	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.299	93	1021288	20.592	ng/u1	99
29) 2,4-Dichlorophenol	10.522	162	634285	22.540	ng/u1	97
30) Naphthalene	10.940	128	2251260	20.719	ng/u1	99
32) 4-Chloroaniline	11.069	127	959319	20.643	ng/u1	100
33) Hexachlorobutadiene	11.175	225	362820	21.389	ng/u1	98
34) Caprolactam	11.881	113	231376	20.934	ng/u1	99
35) 4-Chloro-3-methylphenol	12.157	107	757309	22.017	ng/u1	99
36) 2-Methylnaphthalene	12.540	142	1525977	20.966	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.757	142	1533082	20.920	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.887	216	723511	21.557	ng/ul	98
40) Hexachlorocyclopentadiene	12.840	237	358560	17.558	ng/ul	99
41) 2,4,6-Trichlorophenol	13.134	196	490666	23.490	ng/ul	99
42) 2,4,5-Trichlorophenol	13.204	196	531337	23.467	ng/ul	100
43) 1,1'-Biphenyl	13.545	154	1947681	20.881	ng/ul	99
44) 2-Chloronaphthalene	13.592	162	1534289	21.142	ng/ul	99
45) 2-Nitroaniline	13.816	65	516491	23.538	ng/ul	95
47) Dimethylphthalate	14.169	163	1917665	20.665	ng/ul	100
48) 2,6-Dinitrotoluene	14.304	165	380566	23.677	ng/ul	99
50) Acenaphthylene	14.434	152	2594941	21.509	ng/ul	99
51) 3-Nitroaniline	14.645	138	424738	23.567	ng/ul	93
52) Acenaphthene	14.775	153	1682558	20.834	ng/ul	99
53) 2,4-Dinitrophenol	14.839	184	142508	15.926	ng/ul	96
55) 4-Nitrophenol	14.922	109	317650	21.133	ng/ul	99
56) Dibenzofuran	15.110	168	2267894	20.582	ng/ul	99
57) 2,4-Dinitrotoluene	15.087	165	562777	23.381	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.322	232	437184	23.045	ng/ul	97
59) Diethylphthalate	15.522	149	1978561	20.853	ng/ul	99
61) Fluorene	15.757	166	1889491	20.913	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.745	204	884158	20.847	ng/ul	99
63) 4-Nitroaniline	15.810	138	420523	24.382	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.834	198	262912	18.152	ng/ul	99
67) N-Nitrosodiphenylamine	15.969	169	1602781	21.534	ng/ul	99
68) 4-Bromophenyl-phenylether	16.651	248	535054	21.824	ng/ul	99
69) Hexachlorobenzene	16.733	284	610619	21.316	ng/ul	98
70) Atrazine	16.922	200	584174	21.816	ng/ul	99
71) Pentachlorophenol	17.098	266	384174	21.782	ng/ul	99
72) Phenanthrene	17.516	178	2999606	20.735	ng/ul	99
74) Anthracene	17.610	178	3070778	21.133	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.498	216	764323	21.903	ng/ul	97
76) Pentachlorobenzene	14.998	250	673687	21.517	ng/ul	99
77) Carbazole	17.892	167	2868513	21.422	ng/ul	99
78) Di-n-butylphthalate	18.404	149	3525560	22.744	ng/ul	99
80) Fluoranthene	19.480	202	3549944	22.521	ng/ul	99
82) Pyrene	19.833	202	3683728	22.131	ng/ul	98
83) Butylbenzylphthalate	20.692	149	1645688	24.543	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.492	252	1117073	20.352	ng/ul	99
85) Benzo(a)anthracene	21.557	228	3668347	21.655	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	2427056	24.940	ng/ul	99
87) Chrysene	21.616	228	3333534	21.030	ng/ul	99
89) Di-n-octyl phthalate	22.421	149	4131588	25.070	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	3445848	21.910	ng/ul	99
91) Benzo(k)fluoranthene	23.410	252	3375750	21.636	ng/ul	98
93) Benzo(a)pyrene	24.045	252	3154065	21.260	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.915	276	3410221	19.476	ng/ul	99
95) Dibenzo(a,h)anthracene	26.945	278	2852362	19.575	ng/ul	98
96) Benzo(g,h,i)perylene	27.774	276	2668479	19.149	ng/ul	98

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

