

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
 Data File : BP020684.D
 Acq On : 28 Jun 2024 07:41
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020662

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 28 08:55:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 25 18:30:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	305484	20.000	ng/u1	0.00
20) Naphthalene-d8	10.516	136	1184589	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.381	164	692184	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.198	188	1230180	20.000	ng/u1	0.01
79) Chrysene-d12	21.651	240	1055398	20.000	ng/u1	0.01
88) Perylene-d12	25.015	264	1301868	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	53169	7.474	ng/uL	0.00
4) Pyridine-d5	3.687	84	394620	19.033	ng/u1	0.00
7) Phenol-d5	6.934	99	470561	18.781	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.093	67	281814	17.742	ng/u1	0.00
11) 2-Chlorophenol-d4	7.287	132	400289	19.548	ng/u1	0.00
15) 4-Methylphenol-d8	8.452	113	376867	18.520	ng/u1	0.00
21) Nitrobenzene-d5	8.893	128	186904	21.371	ng/u1	0.00
24) 2-Nitrophenol-d4	9.604	143	206923	23.643	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.146	165	372330	20.653	ng/u1	0.00
31) 4-Chloroaniline-d4	10.651	131	484066	19.159	ng/u1	0.00
46) Dimethylphthalate-d6	13.798	166	985307	20.473	ng/u1	0.02
49) Acenaphthylene-d8	14.075	160	1156161	20.133	ng/u1	0.01
54) 4-Nitrophenol-d4	14.604	143	147000	19.991	ng/u1	0.01
60) Fluorene-d10	15.392	176	796250	19.661	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	130794	21.098	ng/u1	0.02
73) Anthracene-d10	17.286	188	1088993	19.724	ng/u1	0.00
81) Pyrene-d10	19.675	212	1127319	17.780	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.792	264	1245014	19.660	ng/u1	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	59064	7.419	ng/uL	98
5) Pyridine	3.705	79	405598	18.886	ng/u1	98
6) Benzaldehyde	6.910	77	291440	23.001	ng/u1	98
8) Phenol	6.958	94	473389	18.527	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.181	93	382813	18.097	ng/u1	98
12) 2-Chlorophenol	7.322	128	392948	19.089	ng/u1	99
13) 2-Methylphenol	8.187	108	357758	18.250	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.257	45	547789	17.040	ng/u1	99
16) Acetophenone	8.569	105	585108	18.005	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.552	70	290577	16.822	ng/u1	98
18) 4-Methylphenol	8.510	108	380145	18.320	ng/u1	99
19) Hexachloroethane	8.816	117	173081	19.369	ng/u1	93
22) Nitrobenzene	8.934	77	443418	19.558	ng/u1	97
23) Isophorone	9.463	82	819402	18.240	ng/u1	98
25) 2-Nitrophenol	9.640	139	214413	22.685	ng/u1	95
26) 2,4-Dimethylphenol	9.699	107	411559	18.696	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.934	93	506000	18.934	ng/u1	99
29) 2,4-Dichlorophenol	10.175	162	361143	20.239	ng/u1	97
30) Naphthalene	10.569	128	1221459	19.265	ng/u1	100
32) 4-Chloroaniline	10.681	127	460771	18.942	ng/u1	99
33) Hexachlorobutadiene	10.840	225	272329	20.414	ng/u1	96
34) Caprolactam	11.469	113	102835	18.938	ng/u1	93
35) 4-Chloro-3-methylphenol	11.804	107	377300	19.150	ng/u1	97
36) 2-Methylnaphthalene	12.175	142	803044	18.907	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.404	142	811811	18.697	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.540	216	468458	21.168	ng/ul	98
40) Hexachlorocyclopentadiene	12.516	237	246132	17.869	ng/ul	99
41) 2,4,6-Trichlorophenol	12.793	196	289358	21.918	ng/ul	98
42) 2,4,5-Trichlorophenol	12.875	196	300805	21.969	ng/ul	99
43) 1,1'-Biphenyl	13.193	154	1039714	20.085	ng/ul	99
44) 2-Chloronaphthalene	13.234	162	822704	20.178	ng/ul	100
45) 2-Nitroaniline	13.457	65	224451	21.856	ng/ul	93
47) Dimethylphthalate	13.840	163	986946	20.132	ng/ul	100
48) 2,6-Dinitrotoluene	13.957	165	200630	22.951	ng/ul	94
50) Acenaphthylene	14.104	152	1283131	19.780	ng/ul	100
51) 3-Nitroaniline	14.292	138	190546	23.452	ng/ul	97
52) Acenaphthene	14.451	153	843647	19.606	ng/ul	98
53) 2,4-Dinitrophenol	14.516	184	85214	18.793	ng/ul	100
55) 4-Nitrophenol	14.622	109	122221	18.573	ng/ul	99
56) Dibenzofuran	14.792	168	1131731	19.518	ng/ul	100
57) 2,4-Dinitrotoluene	14.763	165	264476	21.918	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.022	232	238768	21.113	ng/ul	97
59) Diethylphthalate	15.228	149	953643	19.721	ng/ul	98
61) Fluorene	15.451	166	888723	19.076	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.445	204	474780	19.529	ng/ul	98
63) 4-Nitroaniline	15.481	138	182063	23.611	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.539	198	140079	21.093	ng/ul	91
67) N-Nitrosodiphenylamine	15.669	169	752265	20.736	ng/ul	99
68) 4-Bromophenyl-phenylether	16.363	248	293075	21.359	ng/ul	97
69) Hexachlorobenzene	16.475	284	316924	20.633	ng/ul	93
70) Atrazine	16.645	200	265559	20.764	ng/ul	99
71) Pentachlorophenol	16.834	266	185859	21.017	ng/ul	98
72) Phenanthrene	17.239	178	1248487	19.381	ng/ul	100
74) Anthracene	17.322	178	1284243	19.381	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.163	216	448480	22.459	ng/uL	98
76) Pentachlorobenzene	14.704	250	415490	21.831	ng/uL	99
77) Carbazole	17.616	167	1083433	19.812	ng/ul	99
78) Di-n-butylphthalate	18.210	149	1402332	19.743	ng/ul	100
80) Fluoranthene	19.327	202	1377944	17.792	ng/ul	99
82) Pyrene	19.704	202	1384559	17.431	ng/ul	99
83) Butylbenzylphthalate	20.663	149	579334	19.643	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.563	252	451822	19.363	ng/ul	96
85) Benzo(a)anthracene	21.627	228	1425621	19.272	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.574	149	835758	18.251	ng/ul	99
87) Chrysene	21.704	228	1345361	19.241	ng/ul	99
89) Di-n-octyl phthalate	22.863	149	1497229	17.915	ng/ul	100
90) Benzo(b)fluoranthene	23.951	252	1481875	18.789	ng/ul	99
91) Benzo(k)fluoranthene	24.021	252	1521668	19.073	ng/ul	99
93) Benzo(a)pyrene	24.862	252	1433531	19.255	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.833	276	1825507	19.116	ng/ul	98
95) Dibenzo(a,h)anthracene	28.915	278	1499761	19.109	ng/ul	98
96) Benzo(g,h,i)perylene	30.039	276	1471852m	18.878	ng/ul	

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

