

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
 Data File : BP020991.D
 Acq On : 16 Jul 2024 15:05
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020689

Quant Time: Jul 16 23:21:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 15 12:22:22 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	187487	20.000	ng/u1	0.00
20) Naphthalene-d8	10.452	136	693332	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	414500	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.122	188	847799	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	886762	20.000	ng/u1	0.01
88) Perylene-d12	24.851	264	1086815	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	34790	8.444	ng/uL	0.00
4) Pyridine-d5	3.658	84	245744	20.602	ng/u1	0.00
7) Phenol-d5	6.893	99	293325	19.190	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	180115	19.444	ng/u1	0.00
11) 2-Chlorophenol-d4	7.240	132	255860	20.316	ng/u1	0.00
15) 4-Methylphenol-d8	8.405	113	233215	18.370	ng/u1	0.01
21) Nitrobenzene-d5	8.840	128	117812	21.877	ng/u1	0.01
24) 2-Nitrophenol-d4	9.552	143	128819	20.900	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.093	165	237899	21.345	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	299531	20.287	ng/u1	0.01
46) Dimethylphthalate-d6	13.710	166	618488	20.526	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	723197	21.375	ng/u1	0.00
54) 4-Nitrophenol-d4	14.569	143	78456	18.300	ng/u1	0.00
60) Fluorene-d10	15.322	176	530281	21.452	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	95628	18.642	ng/u1	0.00
73) Anthracene-d10	17.222	188	815238	21.650	ng/u1	0.00
81) Pyrene-d10	19.604	212	984100	17.950	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.633	264	1144099	21.345	ng/u1	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	37981	8.382	ng/uL	97
5) Pyridine	3.681	79	249111	20.248	ng/u1	98
6) Benzaldehyde	6.864	77	179269	23.263	ng/u1	99
8) Phenol	6.922	94	294975	19.071	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.134	93	250384	19.596	ng/u1	98
12) 2-Chlorophenol	7.269	128	253975	20.121	ng/u1	99
13) 2-Methylphenol	8.146	108	226561	18.940	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.205	45	356038m	19.287	ng/u1	
16) Acetophenone	8.511	105	361885	18.469	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.487	70	178720	17.408	ng/u1	97
18) 4-Methylphenol	8.463	108	236898	18.486	ng/u1	92
19) Hexachloroethane	8.746	117	113485	20.008	ng/u1	99
22) Nitrobenzene	8.887	77	275372	21.346	ng/u1	98
23) Isophorone	9.405	82	498790	19.449	ng/u1	98
25) 2-Nitrophenol	9.581	139	138371	21.525	ng/u1	96
26) 2,4-Dimethylphenol	9.646	107	260718	20.567	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.869	93	310865	19.942	ng/u1	98
29) 2,4-Dichlorophenol	10.122	162	230619	20.996	ng/u1	98
30) Naphthalene	10.510	128	773997	21.223	ng/u1	99
32) 4-Chloroaniline	10.622	127	287307	20.378	ng/u1	99
33) Hexachlorobutadiene	10.763	225	178091	21.624	ng/u1	99
34) Caprolactam	11.428	113	63174	18.670	ng/u1	99
35) 4-Chloro-3-methylphenol	11.763	107	232272	19.454	ng/u1	99
36) 2-Methylnaphthalene	12.110	142	497955	19.891	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	517314	20.092	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.481	216	297556	22.105	ng/ul	98
40) Hexachlorocyclopentadiene	12.446	237	100793	14.313	ng/ul	98
41) 2,4,6-Trichlorophenol	12.740	196	180198	21.185	ng/ul	99
42) 2,4,5-Trichlorophenol	12.822	196	187582	20.843	ng/ul	98
43) 1,1'-Biphenyl	13.134	154	654117	21.593	ng/ul	99
44) 2-Chloronaphthalene	13.181	162	518820	21.454	ng/ul	99
45) 2-Nitroaniline	13.398	65	139024	20.788	ng/ul	98
47) Dimethylphthalate	13.763	163	629033	20.574	ng/ul	99
48) 2,6-Dinitrotoluene	13.904	165	125284	20.496	ng/ul	98
50) Acenaphthylene	14.028	152	809733	21.138	ng/ul	99
51) 3-Nitroaniline	14.240	138	118708	22.317	ng/ul	99
52) Acenaphthene	14.375	153	542283	21.328	ng/ul	98
53) 2,4-Dinitrophenol	14.463	184	51417	16.017	ng/ul	94
55) 4-Nitrophenol	14.587	109	61210	17.552	ng/ul	98
56) Dibenzofuran	14.716	168	729526	20.953	ng/ul	97
57) 2,4-Dinitrotoluene	14.710	165	177942	21.206	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	14.951	232	159765	20.731	ng/ul	98
59) Diethylphthalate	15.151	149	620578	20.310	ng/ul	99
61) Fluorene	15.375	166	601540	21.172	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.381	204	320713	20.802	ng/ul	97
63) 4-Nitroaniline	15.428	138	111632	25.342	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.481	198	105262	19.350	ng/ul	99
67) N-Nitrosodiphenylamine	15.598	169	502670	20.361	ng/ul	99
68) 4-Bromophenyl-phenylether	16.287	248	199455	20.072	ng/ul	97
69) Hexachlorobenzene	16.392	284	234993	20.624	ng/ul	99
70) Atrazine	16.581	200	192843	21.433	ng/ul	99
71) Pentachlorophenol	16.775	266	116536	18.832	ng/ul	98
72) Phenanthrene	17.169	178	946758	21.527	ng/ul	100
74) Anthracene	17.257	178	960439	21.421	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.099	216	286507	21.114	ng/uL	99
76) Pentachlorobenzene	14.634	250	276646	20.517	ng/uL	99
77) Carbazole	17.545	167	864039	23.574	ng/ul	100
78) Di-n-butylphthalate	18.128	149	1050819	20.780	ng/ul	100
80) Fluoranthene	19.263	202	1165577	17.605	ng/ul	100
82) Pyrene	19.633	202	1226901	18.211	ng/ul	99
83) Butylbenzylphthalate	20.580	149	514729	18.337	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.469	252	452031	22.308	ng/ul	99
85) Benzo(a)anthracene	21.545	228	1300389	20.934	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.463	149	736331	18.228	ng/ul	99
87) Chrysene	21.610	228	1215591	21.060	ng/ul	99
89) Di-n-octyl phthalate	22.710	149	1336278	18.612	ng/ul	100
90) Benzo(b)fluoranthene	23.810	252	1376717	20.874	ng/ul	99
91) Benzo(k)fluoranthene	23.874	252	1366926	20.768	ng/ul	99
93) Benzo(a)pyrene	24.698	252	1294709	20.774	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.615	276	1641344m	20.437	ng/ul	
95) Dibenzo(a,h)anthracene	28.668	278	1359107m	20.436	ng/ul	
96) Benzo(g,h,i)perylene	29.774	276	1322918	20.226	ng/ul	99

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

