

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
 Data File : BP021058.D
 Acq On : 19 Jul 2024 00:05
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020696

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2024
 Supervised By :mohammad ahmed 07/20/2024

Quant Time: Jul 19 00:35:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 18 14:23:21 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	Qvalue
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.687	152	147233	20.000	ng/ul	0.00	
20) Naphthalene-d8	10.445	136	596944	20.000	ng/ul	0.00	
38) Acenaphthene-d10	14.298	164	384046	20.000	ng/ul	-0.01	
64) Phenanthrene-d10	17.121	188	844796	20.000	ng/ul	0.00	
79) Chrysene-d12	21.568	240	840964	20.000	ng/ul	-0.01	
88) Perylene-d12	24.892	264	1045950	20.000	ng/ul	-0.02	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.228	96	23004	7.110	ng/uL	0.00	
4) Pyridine-d5	3.652	84	168257	17.963	ng/ul	0.00	
7) Phenol-d5	6.898	99	215484	17.952	ng/ul	0.00	
9) Bis-(2-Chloroethyl)eth...	7.034	67	124083	17.057	ng/ul	0.00	
11) 2-Chlorophenol-d4	7.240	132	177136	17.911	ng/ul	0.00	
15) 4-Methylphenol-d8	8.410	113	173530	17.406	ng/ul	0.00	
21) Nitrobenzene-d5	8.845	128	85569	18.455	ng/ul	0.00	
24) 2-Nitrophenol-d4	9.539	143	96595	18.202	ng/ul	0.00	
28) 2,4-Dichlorophenol-d3	10.092	165	170900	17.810	ng/ul	-0.01	
31) 4-Chloroaniline-d4	10.592	131	236803	18.628	ng/ul	0.00	
46) Dimethylphthalate-d6	13.710	166	502541	18.001	ng/ul	0.00	
49) Acenaphthylene-d8	13.986	160	581808	18.560	ng/ul	-0.01	
54) 4-Nitrophenol-d4	14.586	143	101933m	25.662	ng/ul	-0.02	
60) Fluorene-d10	15.310	176	436913	19.076	ng/ul	-0.01	
65) 4,6-Dinitro-2-methylph...	15.480	200	84631	16.557	ng/ul	0.00	
73) Anthracene-d10	17.221	188	694975	18.522	ng/ul	0.00	
81) Pyrene-d10	19.610	212	853609	16.418	ng/ul	0.00	
92) Benzo(a)pyrene-d12	24.645	264	923904	17.910	ng/ul	-0.04	
Target Compounds							
2) 1,4-Dioxane	3.263	88	25347	7.123	ng/uL	94	
5) Pyridine	3.669	79	173568	17.965	ng/ul	99	
6) Benzaldehyde	6.857	77	131150	21.672	ng/ul	100	
8) Phenol	6.922	94	217166	17.879	ng/ul	98	
10) Bis(2-Chloroethyl)ether	7.128	93	169439	16.887	ng/ul	97	
12) 2-Chlorophenol	7.269	128	177882	17.946	ng/ul	98	
13) 2-Methylphenol	8.145	108	169290	18.022	ng/ul	97	
14) 2,2'-oxybis(1-Chloropr...	8.210	45	239425	16.516	ng/ul#	97	
16) Acetophenone	8.504	105	269904	17.541	ng/ul	99	
17) N-Nitroso-di-n-propyla...	8.481	70	130946	16.242	ng/ul	99	
18) 4-Methylphenol	8.475	108	176256	17.514	ng/ul	98	
19) Hexachloroethane	8.728	117	74184	16.655	ng/ul	99	
22) Nitrobenzene	8.887	77	200625	18.063	ng/ul	98	
23) Isophorone	9.387	82	379054	17.167	ng/ul	98	
25) 2-Nitrophenol	9.575	139	102387	18.499	ng/ul	99	
26) 2,4-Dimethylphenol	9.645	107	195716	17.933	ng/ul	99	
27) Bis(2-Chloroethoxy)met...	9.857	93	225187	16.778	ng/ul	99	
29) 2,4-Dichlorophenol	10.122	162	168599	17.828	ng/ul	99	
30) Naphthalene	10.492	128	562272	17.907	ng/ul	99	
32) 4-Chloroaniline	10.616	127	220999	18.206	ng/ul	100	
33) Hexachlorobutadiene	10.751	225	119704	16.881	ng/ul	100	
34) Caprolactam	11.416	113	56889	19.527	ng/ul	97	
35) 4-Chloro-3-methylphenol	11.751	107	183110	17.813	ng/ul	97	
36) 2-Methylnaphthalene	12.092	142	379050	17.586	ng/ul	99	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	391389	17.656	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.463	216	221313	17.744	ng/ul	97
40) Hexachlorocyclopentadiene	12.428	237	123849	18.982	ng/ul	100
41) 2,4,6-Trichlorophenol	12.733	196	140466	17.823	ng/ul	99
42) 2,4,5-Trichlorophenol	12.828	196	146716	17.595	ng/ul	97
43) 1,1'-Biphenyl	13.122	154	494636	17.624	ng/ul	99
44) 2-Chloronaphthalene	13.169	162	404787	18.066	ng/ul	100
45) 2-Nitroaniline	13.392	65	118487	19.122	ng/ul	96
47) Dimethylphthalate	13.757	163	511773	18.066	ng/ul	99
48) 2,6-Dinitrotoluene	13.898	165	104731	18.492	ng/ul	99
50) Acenaphthylene	14.016	152	656881	18.507	ng/ul	99
51) 3-Nitroaniline	14.245	138	107805	21.874	ng/ul	94
52) Acenaphthene	14.363	153	436332	18.522	ng/ul	100
53) 2,4-Dinitrophenol	14.469	184	60364	20.296	ng/ul	98
55) 4-Nitrophenol	14.604	109	69344	21.461	ng/ul	96
56) Dibenzofuran	14.710	168	600053	18.601	ng/ul	98
57) 2,4-Dinitrotoluene	14.710	165	159028	20.455	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.963	232	127578	17.867	ng/ul#	98
59) Diethylphthalate	15.139	149	499739	17.652	ng/ul	99
61) Fluorene	15.380	166	504131	19.150	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.369	204	255479	17.885	ng/ul	97
63) 4-Nitroaniline	15.427	138	102786	25.185	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.492	198	88756	16.374	ng/ul	98
67) N-Nitrosodiphenylamine	15.592	169	418921	17.029	ng/ul	99
68) 4-Bromophenyl-phenylether	16.286	248	162873	16.449	ng/ul	98
69) Hexachlorobenzene	16.404	284	197564	17.401	ng/ul	97
70) Atrazine	16.580	200	159895	17.834	ng/ul	97
71) Pentachlorophenol	16.768	266	147352	23.896	ng/ul	96
72) Phenanthrene	17.163	178	812419	18.538	ng/ul	99
74) Anthracene	17.257	178	833580	18.658	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.092	216	217985	16.121	ng/uL	99
76) Pentachlorobenzene	14.622	250	220382	16.403	ng/uL	98
77) Carbazole	17.557	167	747325	20.462	ng/ul	99
78) Di-n-butylphthalate	18.121	149	838011	16.631	ng/ul	100
80) Fluoranthene	19.262	202	989101	15.753	ng/ul	98
82) Pyrene	19.639	202	1037218	16.234	ng/ul	99
83) Butylbenzylphthalate	20.580	149	407491	15.307	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.474	252	339731	17.679	ng/ul	100
85) Benzo(a)anthracene	21.551	228	1048621	17.800	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.456	149	559751	14.611	ng/ul	100
87) Chrysene	21.615	228	990619	18.097	ng/ul	99
89) Di-n-octyl phthalate	22.709	149	955831	13.833	ng/ul	100
90) Benzo(b)fluoranthene	23.827	252	1083737	17.074	ng/ul	98
91) Benzo(k)fluoranthene	23.898	252	1128805	17.820	ng/ul	99
93) Benzo(a)pyrene	24.733	252	1065361	17.762	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.656	276	1413348m	18.286	ng/ul	
95) Dibenzo(a,h)anthracene	28.721	278	1156626	18.071	ng/ul	100
96) Benzo(g,h,i)perylene	29.833	276	1159351	18.418	ng/ul	98

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

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