

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021235.D
 Acq On : 30 Jul 2024 14:51
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020714

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/31/2024
 Supervised By :mohammad ahmed 09/04/2024

07/31/2024
 Supervised By :mohammad
 ahmed

08/03/2024

Quant Time: Jul 30 23:03:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	127233	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	508467	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	353452	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	802593	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	905834	20.000	ng/u1	# 0.00
88) Perylene-d12	24.845	264	953277	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	20114	7.194	ng/uL	0.00
4) Pyridine-d5	3.593	84	138837	17.152	ng/u1	0.00
7) Phenol-d5	6.846	99	181571	17.504	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	104298	16.591	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	161221	18.864	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	148802	17.272	ng/u1	0.00
21) Nitrobenzene-d5	8.799	128	73811	18.690	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	86639	19.167	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.051	165	162431	19.873	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	213775	19.742	ng/u1	0.00
46) Dimethylphthalate-d6	13.692	166	502849	19.571	ng/u1	0.01
49) Acenaphthylene-d8	13.963	160	561782	19.472	ng/u1	0.00
54) 4-Nitrophenol-d4	14.586	143	91980	25.161	ng/u1	0.00
60) Fluorene-d10	15.286	176	434868	20.630	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	88673	18.260	ng/u1	0.00
73) Anthracene-d10	17.198	188	706553	19.821	ng/u1	0.00
81) Pyrene-d10	19.586	212	916198	16.360	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.610	264	925330	19.681	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.199	88	21676	7.049	ng/uL	94
5) Pyridine	3.611	79	143081	17.137	ng/u1	95
6) Benzaldehyde	6.805	77	110069	21.048	ng/u1	99
8) Phenol	6.875	94	183715	17.503	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.075	93	149190	17.206	ng/u1	95
12) 2-Chlorophenol	7.210	128	158313	18.482	ng/u1	97
13) 2-Methylphenol	8.099	108	144350	17.782	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.152	45	189072	15.093	ng/u1#	92
16) Acetophenone	8.463	105	238095	17.906	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.434	70	115873	16.632	ng/u1	94
18) 4-Methylphenol	8.434	108	154765	17.796	ng/u1	100
19) Hexachloroethane	8.675	117	68425	17.776	ng/u1	91
22) Nitrobenzene	8.840	77	174921	18.490	ng/u1	97
23) Isophorone	9.346	82	328546	17.469	ng/u1	98
25) 2-Nitrophenol	9.540	139	92545	19.631	ng/u1	95
26) 2,4-Dimethylphenol	9.604	107	178207	19.170	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.822	93	203084	17.764	ng/u1	99
29) 2,4-Dichlorophenol	10.081	162	154018	19.120	ng/u1	97
30) Naphthalene	10.440	128	521921	19.514	ng/u1	99
32) 4-Chloroaniline	10.587	127	205437	19.868	ng/u1	97
33) Hexachlorobutadiene	10.704	225	126579	20.957	ng/u1	99
34) Caprolactam	11.410	113	50017m	20.156	ng/u1	
35) 4-Chloro-3-methylphenol	11.745	107	171130	19.544	ng/u1	95
36) 2-Methylnaphthalene	12.069	142	355943	19.388	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.287	142	372740	19.740	ng/ul	100	08/03/2024
39) 1,2,4,5-Tetrachloroben...	12.440	216	228757	19.929	ng/ul	97	
40) Hexachlorocyclopentadiene	12.393	237	96884	16.135	ng/ul	99	
41) 2,4,6-Trichlorophenol	12.704	196	137561	18.966	ng/ul	98	
42) 2,4,5-Trichlorophenol	12.810	196	145861	19.007	ng/ul	97	
43) 1,1'-Biphenyl	13.081	154	487016	18.854	ng/ul	99	
44) 2-Chloronaphthalene	13.134	162	389735	18.900	ng/ul	100	
45) 2-Nitroaniline	13.375	65	101435	17.787	ng/ul	99	
47) Dimethylphthalate	13.734	163	512806	19.670	ng/ul	100	
48) 2,6-Dinitrotoluene	13.875	165	100581	19.297	ng/ul	100	
50) Acenaphthylene	13.992	152	620258	18.988	ng/ul	99	
51) 3-Nitroaniline	14.222	138	91002	20.063	ng/ul	94	
52) Acenaphthene	14.339	153	417342	19.249	ng/ul	100	
53) 2,4-Dinitrophenol	14.463	184	66274	24.212	ng/ul	99	
55) 4-Nitrophenol	14.598	109	62938m	21.165	ng/ul		
56) Dibenzofuran	14.692	168	588152	19.810	ng/ul	97	
57) 2,4-Dinitrotoluene	14.704	165	155281	21.702	ng/ul	92	
58) 2,3,4,6-Tetrachlorophenol	14.934	232	139879	21.286	ng/ul	94	
59) Diethylphthalate	15.122	149	514753	19.757	ng/ul	99	
61) Fluorene	15.345	166	490055	20.227	ng/ul	100	
62) 4-Chlorophenyl-phenyle...	15.334	204	270365	20.565	ng/ul	95	
63) 4-Nitroaniline	15.422	138	88446m	23.547	ng/ul		
66) 4,6-Dinitro-2-methylph...	15.481	198	94128	18.278	ng/ul	94	
67) N-Nitrosodiphenylamine	15.569	169	417990	17.885	ng/ul	99	
68) 4-Bromophenyl-phenylether	16.263	248	180303	19.166	ng/ul	94	
69) Hexachlorobenzene	16.375	284	221606	20.545	ng/ul	96	
70) Atrazine	16.557	200	176078	20.672	ng/ul	99	
71) Pentachlorophenol	16.757	266	142485	24.322	ng/ul	98	
72) Phenanthrene	17.139	178	804254	19.317	ng/ul	99	
74) Anthracene	17.233	178	826839	19.480	ng/ul	99	
75) 1,2,3,4-Tetrachloroben...	13.057	216	228331	17.775	ng/uL	97	
76) Pentachlorobenzene	14.598	250	239851	18.790	ng/uL	98	
77) Carbazole	17.533	167	732545	21.112	ng/ul	99	
78) Di-n-butylphthalate	18.098	149	920542	19.229	ng/ul	100	
80) Fluoranthene	19.233	202	1044045	15.437	ng/ul	98	
82) Pyrene	19.616	202	1092439	15.874	ng/ul	98	
83) Butylbenzylphthalate	20.551	149	457564	15.958	ng/ul	99	
84) 3,3'-Dichlorobenzidine	21.445	252	394979	19.082	ng/ul	98	
85) Benzo(a)anthracene	21.516	228	1183736	18.655	ng/ul	99	
86) Bis(2-ethylhexyl)phtha...	21.427	149	686953	16.648	ng/ul#	98	
87) Chrysene	21.586	228	1124560	19.072	ng/ul	99	
89) Di-n-octyl phthalate	22.680	149	1182219	18.773	ng/ul	100	
90) Benzo(b)fluoranthene	23.792	252	1161323	20.075	ng/ul	98	
91) Benzo(k)fluoranthene	23.857	252	1155466	20.014	ng/ul	99	
93) Benzo(a)pyrene	24.686	252	1039719	19.019	ng/ul	98	
94) Indeno(1,2,3-cd)pyrene	28.609	276	1177862	16.721	ng/ul	96	
95) Dibenzo(a,h)anthracene	28.668	278	983040	16.852	ng/ul	98	
96) Benzo(g,h,i)perylene	29.786	276	933834m	16.277	ng/ul		

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

