

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080124\
 Data File : BP021307.D
 Acq On : 02 Aug 2024 03:42
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020721

Quant Time: Aug 02 05:15:46 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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/05/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	129108	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.387	136	516216	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	336066	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.092	188	739215	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	864039	20.000	ng/u1	# 0.00
88) Perylene-d12	24.810	264	1108824	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	21256	7.492	ng/uL	-0.01
4) Pyridine-d5	3.587	84	137818	16.779	ng/u1	0.00
7) Phenol-d5	6.846	99	182365	17.326	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	102287	16.035	ng/u1	0.00
11) 2-Chlorophenol-d4	7.175	132	160605	18.519	ng/u1	0.00
15) 4-Methylphenol-d8	8.357	113	143796	16.448	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	74976	18.700	ng/u1	0.00
24) 2-Nitrophenol-d4	9.493	143	84413	18.394	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.052	165	152826	18.417	ng/u1	0.00
31) 4-Chloroaniline-d4	10.551	131	204790	18.629	ng/u1	0.00
46) Dimethylphthalate-d6	13.669	166	433845	17.759	ng/u1	-0.01
49) Acenaphthylene-d8	13.957	160	512403	18.679	ng/u1	0.00
54) 4-Nitrophenol-d4	14.592	143	85029	24.462	ng/u1	0.00
60) Fluorene-d10	15.281	176	384710	19.195	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	77484	17.324	ng/u1	0.00
73) Anthracene-d10	17.186	188	636342	19.382	ng/u1	0.00
81) Pyrene-d10	19.569	212	820144	15.353	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.598	264	1022773	18.702	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.199	88	22334	7.157	ng/uL	97
5) Pyridine	3.605	79	144354	17.039	ng/u1	98
6) Benzaldehyde	6.805	77	111377	20.989	ng/u1	98
8) Phenol	6.869	94	186992	17.556	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.069	93	143087	16.262	ng/u1	96
12) 2-Chlorophenol	7.210	128	158389	18.223	ng/u1	98
13) 2-Methylphenol	8.087	108	143084	17.370	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.134	45	182185	14.332	ng/u1#	90
16) Acetophenone	8.446	105	233308	17.291	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.422	70	107089	15.148	ng/u1	96
18) 4-Methylphenol	8.416	108	148556	16.834	ng/u1	93
19) Hexachloroethane	8.663	117	68408	17.514	ng/u1	96
22) Nitrobenzene	8.834	77	168031	17.495	ng/u1	98
23) Isophorone	9.340	82	304909	15.969	ng/u1	100
25) 2-Nitrophenol	9.528	139	88809	18.555	ng/u1	93
26) 2,4-Dimethylphenol	9.599	107	170738	18.090	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.810	93	185325	15.967	ng/u1	98
29) 2,4-Dichlorophenol	10.075	162	151732	18.553	ng/u1	99
30) Naphthalene	10.440	128	504893	18.594	ng/u1	99
32) 4-Chloroaniline	10.575	127	190140	18.113	ng/u1	100
33) Hexachlorobutadiene	10.699	225	118654	19.350	ng/u1	99
34) Caprolactam	11.404	113	45542m	18.077	ng/u1	
35) 4-Chloro-3-methylphenol	11.734	107	160142m	18.015	ng/u1	
36) 2-Methylnaphthalene	12.051	142	331117	17.765	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.275	142	350053	18.261	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.422	216	213202	19.535	ng/ul#	96
40) Hexachlorocyclopentadiene	12.381	237	103046	18.049	ng/ul	99
41) 2,4,6-Trichlorophenol	12.698	196	126258	18.308	ng/ul	98
42) 2,4,5-Trichlorophenol	12.798	196	131743	18.055	ng/ul	95
43) 1,1'-Biphenyl	13.081	154	443848	18.072	ng/ul	99
44) 2-Chloronaphthalene	13.128	162	360238	18.373	ng/ul	99
45) 2-Nitroaniline	13.375	65	92788	17.113	ng/ul	95
47) Dimethylphthalate	13.722	163	444784	17.943	ng/ul	99
48) 2,6-Dinitrotoluene	13.875	165	89321	18.023	ng/ul	94
50) Acenaphthylene	13.987	152	573643	18.470	ng/ul	99
51) 3-Nitroaniline	14.228	138	85455	19.815	ng/ul	95
52) Acenaphthene	14.328	153	385240	18.688	ng/ul	98
53) 2,4-Dinitrophenol	14.475	184	59007	22.672	ng/ul	94
55) 4-Nitrophenol	14.610	109	60606m	21.435	ng/ul	
56) Dibenzofuran	14.675	168	540653	19.152	ng/ul	99
57) 2,4-Dinitrotoluene	14.687	165	138139	20.305	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.939	232	123427	19.754	ng/ul#	92
59) Diethylphthalate	15.116	149	433255	17.489	ng/ul	98
61) Fluorene	15.334	166	440804	19.135	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.334	204	234948	18.796	ng/ul	95
63) 4-Nitroaniline	15.422	138	85727	24.004	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.481	198	82435	17.380	ng/ul	95
67) N-Nitrosodiphenylamine	15.569	169	373845	17.367	ng/ul	98
68) 4-Bromophenyl-phenylether	16.251	248	154586	17.841	ng/ul	94
69) Hexachlorobenzene	16.363	284	193599	19.487	ng/ul	94
70) Atrazine	16.551	200	144121	18.371	ng/ul	97
71) Pentachlorophenol	16.745	266	136115m	25.226	ng/ul	
72) Phenanthrene	17.133	178	721302	18.810	ng/ul	99
74) Anthracene	17.222	178	738307	18.885	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.045	216	210607	17.800	ng/uL	99
76) Pentachlorobenzene	14.592	250	217580	18.507	ng/uL	98
77) Carbazole	17.533	167	660479	20.667	ng/ul	100
78) Di-n-butylphthalate	18.080	149	721762	16.370	ng/ul	100
80) Fluoranthene	19.222	202	924189	14.326	ng/ul	98
82) Pyrene	19.604	202	988074	15.052	ng/ul	95
83) Butylbenzylphthalate	20.539	149	369919	13.525	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.439	252	404482	20.487	ng/ul	99
85) Benzo(a)anthracene	21.510	228	1108241	18.310	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.421	149	509906	12.955	ng/ul#	99
87) Chrysene	21.580	228	1028484	18.287	ng/ul	99
89) Di-n-octyl phthalate	22.645	149	932430	12.730	ng/ul	100
90) Benzo(b)fluoranthene	23.774	252	1208377	17.958	ng/ul	98
91) Benzo(k)fluoranthene	23.845	252	1216296	18.112	ng/ul	99
93) Benzo(a)pyrene	24.657	252	1179606	18.551	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.574	276	1513040	18.466	ng/ul	96
95) Dibenzo(a,h)anthracene	28.621	278	1267196m	18.676	ng/ul	
96) Benzo(g,h,i)perylene	29.756	276	1249506m	18.725	ng/ul	

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

