

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090424\
 Data File : BP021832.D
 Acq On : 05 Sep 2024 02:21
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020760

Quant Time: Sep 05 06:16:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 05 05:03:57 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/05/2024
 Supervised By :mohammad ahmed 09/07/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	317567	20.000	ng/u1	0.01
20) Naphthalene-d8	10.557	136	1355832	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.416	164	834884	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	1818282	20.000	ng/u1	0.00
79) Chrysene-d12	21.663	240	1780438	20.000	ng/u1	-0.02
88) Perylene-d12	25.057	264	1966907	20.000	ng/u1	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	73682	7.703	ng/uL	0.00
4) Pyridine-d5	3.681	84	538196	19.452	ng/u1	0.00
7) Phenol-d5	6.946	99	634274	18.715	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.105	67	344831	18.696	ng/u1	0.01
11) 2-Chlorophenol-d4	7.311	132	425956	19.468	ng/u1	0.00
15) 4-Methylphenol-d8	8.475	113	503320	19.219	ng/u1	0.01
21) Nitrobenzene-d5	8.916	128	215965	19.798	ng/u1	0.00
24) 2-Nitrophenol-d4	9.640	143	222325	20.079	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.175	165	433673	19.875	ng/u1	0.00
31) 4-Chloroaniline-d4	10.681	131	612384	19.291	ng/u1	0.00
46) Dimethylphthalate-d6	13.816	166	1383630	21.659	ng/u1	0.00
49) Acenaphthylene-d8	14.104	160	1380112	19.242	ng/u1	0.01
54) 4-Nitrophenol-d4	14.622	143	237593	19.549	ng/u1	0.01
60) Fluorene-d10	15.422	176	1046813	19.491	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.534	200	185460	18.545	ng/u1	0.00
73) Anthracene-d10	17.310	188	1666574	19.313	ng/u1	0.00
81) Pyrene-d10	19.680	212	2011799	19.767	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.827	264	2025844	19.315	ng/u1	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	77032	7.577	ng/uL	98
5) Pyridine	3.699	79	528234	19.106	ng/u1	98
6) Benzaldehyde	6.916	77	390534	22.529	ng/u1	97
8) Phenol	6.969	94	666117	18.850	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.193	93	519678	18.919	ng/u1	98
12) 2-Chlorophenol	7.346	128	448704	19.538	ng/u1	99
13) 2-Methylphenol	8.210	108	476674	18.698	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.287	45	494703	18.659	ng/u1	99
16) Acetophenone	8.587	105	821373	19.564	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.569	70	376149	18.985	ng/u1	98
18) 4-Methylphenol	8.534	108	537056	19.243	ng/u1	99
19) Hexachloroethane	8.846	117	198450	19.326	ng/u1	96
22) Nitrobenzene	8.957	77	585525	19.250	ng/u1	100
23) Isophorone	9.487	82	1127938	18.480	ng/u1	99
25) 2-Nitrophenol	9.669	139	249976	20.377	ng/u1	97
26) 2,4-Dimethylphenol	9.734	107	591225	19.636	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.963	93	719040	18.784	ng/u1	99
29) 2,4-Dichlorophenol	10.204	162	443390	20.222	ng/u1	98
30) Naphthalene	10.604	128	1470231	19.240	ng/u1	99
32) 4-Chloroaniline	10.710	127	627281	19.573	ng/u1	99
33) Hexachlorobutadiene	10.899	225	294327	20.007	ng/u1	98
34) Caprolactam	11.493	113	169050	18.233	ng/u1	98
35) 4-Chloro-3-methylphenol	11.840	107	573504	19.762	ng/u1	98
36) 2-Methylnaphthalene	12.216	142	1020697	19.748	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.440	142	1021235	19.644	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.587	216	580651	22.067	ng/ul	99
40) Hexachlorocyclopentadiene	12.575	237	307956	20.396	ng/ul	96
41) 2,4,6-Trichlorophenol	12.834	196	366711	21.645	ng/ul	98
42) 2,4,5-Trichlorophenol	12.904	196	403464	22.054	ng/ul	97
43) 1,1'-Biphenyl	13.234	154	1358494	21.507	ng/ul	98
44) 2-Chloronaphthalene	13.275	162	1066846	21.541	ng/ul	100
45) 2-Nitroaniline	13.481	65	334476	21.558	ng/ul	97
47) Dimethylphthalate	13.863	163	1368150	21.388	ng/ul	99
48) 2,6-Dinitrotoluene	13.981	165	234827	19.905	ng/ul	99
50) Acenaphthylene	14.134	152	1494446	19.374	ng/ul	100
51) 3-Nitroaniline	14.310	138	267521	20.752	ng/ul	97
52) Acenaphthene	14.481	153	1048616	19.331	ng/ul	99
53) 2,4-Dinitrophenol	14.522	184	121024	17.136	ng/ul	92
55) 4-Nitrophenol	14.640	109	235373	21.151	ng/ul	93
56) Dibenzofuran	14.822	168	1470189	19.590	ng/ul	99
57) 2,4-Dinitrotoluene	14.781	165	362088	20.425	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.051	232	300693	19.078	ng/ul	95
59) Diethylphthalate	15.245	149	1257314	19.574	ng/ul	98
61) Fluorene	15.475	166	1185874	19.536	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.463	204	587755	19.270	ng/ul	98
63) 4-Nitroaniline	15.487	138	283209	22.731	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.557	198	209600	18.736	ng/ul	96
67) N-Nitrosodiphenylamine	15.687	169	1030437	19.264	ng/ul	98
68) 4-Bromophenyl-phenylether	16.381	248	369563	18.411	ng/ul	96
69) Hexachlorobenzene	16.498	284	432078	18.132	ng/ul	95
70) Atrazine	16.663	200	388164	19.131	ng/ul	98
71) Pentachlorophenol	16.857	266	273597	17.940	ng/ul	98
72) Phenanthrene	17.251	178	1940373	19.438	ng/ul	98
74) Anthracene	17.345	178	1979124	19.570	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.198	216	589520	21.807	ng/ul	98
76) Pentachlorobenzene	14.740	250	511323	18.249	ng/ul	100
77) Carbazole	17.622	167	1814169	19.945	ng/ul	99
78) Di-n-butylphthalate	18.222	149	2171215	19.611	ng/ul	99
80) Fluoranthene	19.339	202	2327422	19.596	ng/ul	98
82) Pyrene	19.710	202	2481313	19.726	ng/ul	99
83) Butylbenzylphthalate	20.663	149	995024	19.320	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.563	252	819458	18.263	ng/ul	96
85) Benzo(a)anthracene	21.645	228	2438241	19.252	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.586	149	1462497	19.240	ng/ul	99
87) Chrysene	21.710	228	2290881	19.220	ng/ul	100
89) Di-n-octyl phthalate	22.880	149	2397665	19.258	ng/ul	100
90) Benzo(b)fluoranthene	23.980	252	2432880	19.768	ng/ul	99
91) Benzo(k)fluoranthene	24.051	252	2412932	20.027	ng/ul	99
93) Benzo(a)pyrene	24.910	252	2234670	19.709	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.933	276	2750475m	18.814	ng/ul	
95) Dibenzo(a,h)anthracene	29.021	278	2235021	19.025	ng/ul	100
96) Benzo(g,h,i)perylene	30.115	276	2143903	18.980	ng/ul	98

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

