

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082324\
 Data File : BP021628.D
 Acq On : 23 Aug 2024 16:19
 Operator : RC/JU
 Sample : SSTD08029
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD080606

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/24/2024
 Supervised By :mohammad ahmed 08/24/2024

Quant Time: Aug 23 17:46:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 23 16:18:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	318892	20.000	ng/u1	0.00
20) Naphthalene-d8	10.587	136	1371947	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.446	164	886308	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.251	188	1929510	20.000	ng/u1	0.01
79) Chrysene-d12	21.716	240	1786752	20.000	ng/u1	0.00
88) Perylene-d12	25.127	264	2135069	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	297714	40.432	ng/uL	0.00
4) Pyridine-d5	3.687	84	2179804	100.603	ng/u1	0.00
7) Phenol-d5	6.969	99	2807395	102.475	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	1451614	89.488	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	1819868	85.280	ng/u1	0.00
15) 4-Methylphenol-d8	8.505	113	2162593	96.845	ng/u1	0.00
21) Nitrobenzene-d5	8.946	128	927062	86.558	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	993455	82.878	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.205	165	1812212	82.019	ng/u1	0.00
31) 4-Chloroaniline-d4	10.716	131	2542949	85.599	ng/u1	0.00
46) Dimethylphthalate-d6	13.846	166	5232714	80.478	ng/u1	0.00
49) Acenaphthylene-d8	14.134	160	5996729	81.800	ng/u1	0.00
54) 4-Nitrophenol-d4	14.646	143	1081706	108.886	ng/u1	0.02
60) Fluorene-d10	15.457	176	4408779	82.331	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.575	200	935307	82.055	ng/u1	0.00
73) Anthracene-d10	17.351	188	6917503	79.080	ng/u1	0.00
81) Pyrene-d10	19.734	212	8294091	76.401	ng/u1	0.02
92) Benzo(a)pyrene-d12	24.910	264	9309314	86.941	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	315123	38.961	ng/uL	98
5) Pyridine	3.711	79	2173842	98.052	ng/u1	97
6) Benzaldehyde	6.940	77	1179764	83.341	ng/u1	100
8) Phenol	6.999	94	2895682	103.225	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.228	93	2196118	96.275	ng/u1	97
12) 2-Chlorophenol	7.369	128	1897182	87.462	ng/u1	100
13) 2-Methylphenol	8.234	108	2103891	98.998	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.316	45	2090067	69.161	ng/u1	99
16) Acetophenone	8.616	105	3336671	95.385	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.611	70	1556282	86.643	ng/u1	98
18) 4-Methylphenol	8.569	108	2287451	99.725	ng/u1	100
19) Hexachloroethane	8.875	117	823259	84.442	ng/u1	98
22) Nitrobenzene	8.993	77	2438811	91.370	ng/u1	97
23) Isophorone	9.522	82	4882048	91.740	ng/u1	100
25) 2-Nitrophenol	9.699	139	1067503	84.024	ng/u1	97
26) 2,4-Dimethylphenol	9.763	107	2439431	93.072	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.999	93	2960850	91.008	ng/u1	98
29) 2,4-Dichlorophenol	10.234	162	1785352	81.634	ng/u1	99
30) Naphthalene	10.634	128	5932159	80.736	ng/u1	99
32) 4-Chloroaniline	10.740	127	2564468	89.034	ng/u1	99
33) Hexachlorobutadiene	10.928	225	1123408	69.959	ng/u1	99
34) Caprolactam	11.534	113	773323m	108.238	ng/u1	
35) 4-Chloro-3-methylphenol	11.875	107	2408330	97.282	ng/u1	100
36) 2-Methylnaphthalene	12.252	142	4036533	80.129	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.469	142	4049964	79.050	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.616	216	2202788	76.623	ng/ul	99
40) Hexachlorocyclopentadiene	12.604	237	1310571	84.013	ng/ul	99
41) 2,4,6-Trichlorophenol	12.857	196	1507889	82.771	ng/ul	99
42) 2,4,5-Trichlorophenol	12.928	196	1636616	84.214	ng/ul	98
43) 1,1'-Biphenyl	13.263	154	5146960	78.561	ng/ul	98
44) 2-Chloronaphthalene	13.304	162	4100737	78.685	ng/ul	98
45) 2-Nitroaniline	13.504	65	1414750	96.062	ng/ul	97
47) Dimethylphthalate	13.893	163	5180259	78.467	ng/ul	99
48) 2,6-Dinitrotoluene	14.010	165	1134384	86.943	ng/ul	96
50) Acenaphthylene	14.163	152	6297190	76.597	ng/ul	98
51) 3-Nitroaniline	14.340	138	1097660	92.952	ng/ul	99
52) Acenaphthene	14.510	153	4390254	79.399	ng/ul	100
53) 2,4-Dinitrophenol	14.551	184	690579	99.144	ng/ul	93
55) 4-Nitrophenol	14.663	109	966685	116.017	ng/ul	98
56) Dibenzofuran	14.851	168	6070687	80.036	ng/ul	99
57) 2,4-Dinitrotoluene	14.816	165	1649294	90.979	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.081	232	1391049	83.925	ng/ul	97
59) Diethylphthalate	15.281	149	5211349	78.895	ng/ul	100
61) Fluorene	15.516	166	4665789	75.147	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.504	204	2376561	71.809	ng/ul	99
63) 4-Nitroaniline	15.528	138	1007709	96.944	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.593	198	1020465	83.043	ng/ul	97
67) N-Nitrosodiphenylamine	15.716	169	4322982	76.481	ng/ul	99
68) 4-Bromophenyl-phenylether	16.416	248	1669552	74.239	ng/ul	99
69) Hexachlorobenzene	16.540	284	1966022	75.817	ng/ul	97
70) Atrazine	16.704	200	1698012	81.865	ng/ul	99
71) Pentachlorophenol	16.898	266	1363724	93.646	ng/ul	98
72) Phenanthrene	17.298	178	7947350	78.123	ng/ul	98
74) Anthracene	17.392	178	8052412	77.494	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.228	216	2253889	73.298	ng/ul	97
76) Pentachlorobenzene	14.775	250	2265798	74.151	ng/ul	99
77) Carbazole	17.669	167	7557997	87.094	ng/ul	99
78) Di-n-butylphthalate	18.269	149	8959349	76.739	ng/ul	100
80) Fluoranthene	19.386	202	9754095	74.831	ng/ul	99
82) Pyrene	19.763	202	9835198	73.305	ng/ul	100
83) Butylbenzylphthalate	20.710	149	4339166	77.714	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.610	252	3546791	85.084	ng/ul	99
85) Benzo(a)anthracene	21.698	228	9984456	79.169	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.639	149	6101949	75.277	ng/ul	99
87) Chrysene	21.763	228	9217558	78.313	ng/ul	98
89) Di-n-octyl phthalate	22.957	149	10607580	76.070	ng/ul	100
90) Benzo(b)fluoranthene	24.057	252	10692082	81.282	ng/ul	99
91) Benzo(k)fluoranthene	24.133	252	10276769	78.605	ng/ul	99
93) Benzo(a)pyrene	24.986	252	9866643	80.320	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.039	276	13088911m	83.773	ng/ul	
95) Dibenzo(a,h)anthracene	29.127	278	10422201	81.033	ng/ul	99
96) Benzo(g,h,i)perylene	30.251	276	10211650m	81.368	ng/ul	

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

