

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
 Data File : BP014341.D
 Acq On : 28 Mar 2023 13:36
 Operator : CG/JU
 Sample : SSTD02043
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020628

Quant Time: Mar 29 01:00:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 29 00:54:55 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/29/2023
 Supervised By : Jagrut Upadhyay 03/29/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	153769	20.000	ng/u1	0.00
20) Naphthalene-d8	10.846	136	659735	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.675	164	423124	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.439	188	889982	20.000	ng/u1	0.00
79) Chrysene-d12	21.521	240	645918	20.000	ng/u1	0.00
88) Perylene-d12	24.051	264	641903	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	33701	8.499	ng/uL	0.00
4) Pyridine-d5	3.828	84	204224	20.256	ng/u1	0.00
7) Phenol-d5	7.181	99	290488	20.484	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.346	67	192948	21.206	ng/u1	0.00
11) 2-Chlorophenol-d4	7.552	132	220261	21.489	ng/u1	0.00
15) 4-Methylphenol-d8	8.740	113	240551	21.029	ng/u1	0.00
21) Nitrobenzene-d5	9.199	128	114077	21.419	ng/u1	0.00
24) 2-Nitrophenol-d4	9.928	143	131182	21.510	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.469	165	237111	21.349	ng/u1	0.00
31) 4-Chloroaniline-d4	10.993	131	314125	21.472	ng/u1	0.00
46) Dimethylphthalate-d6	14.081	166	713921	20.809	ng/u1	0.00
49) Acenaphthylene-d8	14.369	160	814803	21.404	ng/u1	0.00
54) 4-Nitrophenol-d4	14.887	143	105120	20.282	ng/u1	0.00
60) Fluorene-d10	15.669	176	604499	21.129	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	131001	20.004	ng/u1	0.00
73) Anthracene-d10	17.539	188	902325	20.950	ng/u1	0.00
81) Pyrene-d10	19.763	212	954382	21.997	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.880	264	717667	21.044	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.428	88	36412	8.356	ng/uL	100
5) Pyridine	3.846	79	222619	20.565	ng/u1	100
6) Benzaldehyde	7.158	77	181227	26.030	ng/u1	100
8) Phenol	7.210	94	304384	20.691	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.440	93	251920	21.309	ng/u1	100
12) 2-Chlorophenol	7.581	128	227817	21.355	ng/u1	100
13) 2-Methylphenol	8.469	108	230272	20.989	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.546	45	337056	21.716	ng/u1	100
16) Acetophenone	8.857	105	405777	21.482	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.840	70	222382	21.792	ng/u1	100
18) 4-Methylphenol	8.804	108	255735	21.225	ng/u1	100
19) Hexachloroethane	9.110	117	99409	21.326	ng/u1	100
22) Nitrobenzene	9.240	77	327219	21.386	ng/u1	100
23) Isophorone	9.769	82	608250	21.566	ng/u1	100
25) 2-Nitrophenol	9.957	139	140217	21.783	ng/u1	100
26) 2,4-Dimethylphenol	10.010	107	310560	21.658	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.251	93	358213	21.184	ng/u1	100
29) 2,4-Dichlorophenol	10.499	162	234567	21.460	ng/u1	100
30) Naphthalene	10.899	128	764086	20.792	ng/u1	100
32) 4-Chloroaniline	11.016	127	313240	21.139	ng/u1	100
33) Hexachlorobutadiene	11.175	225	179808	20.764	ng/u1	100
34) Caprolactam	11.810	113	67857m	21.495	ng/u1	
35) 4-Chloro-3-methylphenol	12.134	107	287448	21.381	ng/u1	100
36) 2-Methylnaphthalene	12.504	142	522870	20.995	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.722	142	511997	20.729	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.869	216	314673	20.859	ng/ul	100
40) Hexachlorocyclopentadiene	12.840	237	183075	18.739	ng/ul	100
41) 2,4,6-Trichlorophenol	13.110	196	197660	21.197	ng/ul	100
42) 2,4,5-Trichlorophenol	13.192	196	209365	21.066	ng/ul	100
43) 1,1'-Biphenyl	13.510	154	717738	20.996	ng/ul	100
44) 2-Chloronaphthalene	13.551	162	565611	20.926	ng/ul	100
45) 2-Nitroaniline	13.769	65	179313	21.539	ng/ul	100
47) Dimethylphthalate	14.128	163	717487	20.916	ng/ul	100
48) 2,6-Dinitrotoluene	14.257	165	142078	21.200	ng/ul	100
50) Acenaphthylene	14.398	152	865918	21.359	ng/ul	100
51) 3-Nitroaniline	14.592	138	133796	22.284	ng/ul	100
52) Acenaphthene	14.739	153	599797	20.936	ng/ul	100
53) 2,4-Dinitrophenol	14.804	184	81978	18.889	ng/ul	100
55) 4-Nitrophenol	14.904	109	107283	20.973	ng/ul	100
56) Dibenzofuran	15.075	168	841777	20.901	ng/ul	100
57) 2,4-Dinitrotoluene	15.045	165	205164	21.582	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.304	232	190469	21.324	ng/ul	100
59) Diethylphthalate	15.492	149	716397	21.016	ng/ul	100
61) Fluorene	15.728	166	688716	21.098	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.716	204	367637	20.962	ng/ul	100
63) 4-Nitroaniline	15.763	138	113144m	24.229	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.810	198	129328	20.378	ng/ul	100
67) N-Nitrosodiphenylamine	15.934	169	577441	20.853	ng/ul	100
68) 4-Bromophenyl-phenylether	16.616	248	225958	20.403	ng/ul	100
69) Hexachlorobenzene	16.733	284	261853	20.585	ng/ul	100
70) Atrazine	16.892	200	209960	20.829	ng/ul	100
71) Pentachlorophenol	17.086	266	143144	19.424	ng/ul	100
72) Phenanthrene	17.480	178	1035455	20.913	ng/ul	100
74) Anthracene	17.575	178	1049533	21.031	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.475	216	323361	20.641	ng/ul	100
76) Pentachlorobenzene	14.992	250	321587	20.573	ng/ul	100
77) Carbazole	17.845	167	878425	21.034	ng/ul	100
78) Di-n-butylphthalate	18.375	149	1102702	21.000	ng/ul	100
80) Fluoranthene	19.439	202	1121629	21.865	ng/ul	100
82) Pyrene	19.792	202	1161988	21.696	ng/ul	100
83) Butylbenzylphthalate	20.651	149	393168	21.312	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.439	252	300367	21.026	ng/ul	100
85) Benzo(a)anthracene	21.504	228	958397	20.939	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.404	149	529762	21.000	ng/ul	100
87) Chrysene	21.563	228	908562	21.022	ng/ul	100
89) Di-n-octyl phthalate	22.368	149	832798	19.992	ng/ul	100
90) Benzo(b)fluoranthene	23.268	252	919365	21.207	ng/ul	100
91) Benzo(k)fluoranthene	23.321	252	864301	20.527	ng/ul	100
93) Benzo(a)pyrene	23.939	252	790136	21.174	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.692	276	1095488	21.338	ng/ul	100
95) Dibenzo(a,h)anthracene	26.709	278	917094	21.336	ng/ul	100
96) Benzo(g,h,i)perylene	27.515	276	902844	21.574	ng/ul	100

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

