

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
 Data File : BP014340.D
 Acq On : 28 Mar 2023 13:02
 Operator : CG/JU
 Sample : SSTD04044
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD040627

Quant Time: Mar 29 01:00:25 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

03/29/2023
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 Upadhyay

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	168806	20.000	ng/u1	0.00
20) Naphthalene-d8	10.851	136	708273	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.681	164	467010	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.439	188	1041509	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	925834	20.000	ng/u1	0.00
88) Perylene-d12	24.051	264	796632	20.000	ng/u1	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	69032	15.859	ng/uL	0.00
4) Pyridine-d5	3.822	84	462790	41.813	ng/u1	0.00
7) Phenol-d5	7.181	99	639161	41.056	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.352	67	408246	40.871	ng/u1	0.00
11) 2-Chlorophenol-d4	7.552	132	471630	41.915	ng/u1	0.00
15) 4-Methylphenol-d8	8.746	113	523617	41.697	ng/u1	0.00
21) Nitrobenzene-d5	9.204	128	249110	43.568	ng/u1	0.00
24) 2-Nitrophenol-d4	9.928	143	290783	44.413	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.469	165	504175	42.283	ng/u1	0.00
31) 4-Chloroaniline-d4	10.993	131	677898	43.161	ng/u1	0.00
46) Dimethylphthalate-d6	14.087	166	1592457	42.055	ng/u1	0.00
49) Acenaphthylene-d8	14.375	160	1772311	42.182	ng/u1	0.00
54) 4-Nitrophenol-d4	14.892	143	272386	47.616	ng/u1	0.00
60) Fluorene-d10	15.675	176	1322310	41.875	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	323692	42.238	ng/u1	0.00
73) Anthracene-d10	17.539	188	2083525	41.336	ng/u1	0.00
81) Pyrene-d10	19.769	212	2405172	38.676	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.892	264	1790890	42.313	ng/u1	0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.428	88	76466	15.985	ng/uL	98
5) Pyridine	3.846	79	482525	40.603	ng/u1	97
6) Benzaldehyde	7.163	77	332788	43.542	ng/u1	97
8) Phenol	7.210	94	665623	41.216	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.446	93	531378	40.944	ng/u1	99
12) 2-Chlorophenol	7.587	128	483104	41.251	ng/u1	96
13) 2-Methylphenol	8.475	108	495863	41.171	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.557	45	696207	40.860	ng/u1	99
16) Acetophenone	8.863	105	870096	41.960	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.846	70	474819	42.385	ng/u1	97
18) 4-Methylphenol	8.810	108	552507	41.771	ng/u1	100
19) Hexachloroethane	9.110	117	213102	41.645	ng/u1	96
22) Nitrobenzene	9.246	77	702406	42.762	ng/u1	99
23) Isophorone	9.775	82	1319066	43.564	ng/u1	100
25) 2-Nitrophenol	9.963	139	296304	42.877	ng/u1	100
26) 2,4-Dimethylphenol	10.016	107	652015	42.354	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.251	93	754523	41.564	ng/u1	99
29) 2,4-Dichlorophenol	10.498	162	493298	42.038	ng/u1	96
30) Naphthalene	10.898	128	1622978	41.138	ng/u1	100
32) 4-Chloroaniline	11.016	127	695940	43.748	ng/u1	100
33) Hexachlorobutadiene	11.175	225	373558	40.182	ng/u1	98
34) Caprolactam	11.822	113	158729m	46.834	ng/u1	
35) 4-Chloro-3-methylphenol	12.140	107	628877	43.571	ng/u1	97
36) 2-Methylnaphthalene	12.504	142	1091963	40.841	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.722	142	1084255	40.890	ng/u1	97
39) 1,2,4,5-Tetrachloroben...	12.869	216	677654	40.698	ng/u1	97
40) Hexachlorocyclopentadiene	12.840	237	422432	39.176	ng/u1	99
41) 2,4,6-Trichlorophenol	13.110	196	435683	42.331	ng/u1	99
42) 2,4,5-Trichlorophenol	13.192	196	468878	42.745	ng/u1	97
43) 1,1'-Biphenyl	13.510	154	1517828	40.228	ng/u1	99
44) 2-Chloronaphthalene	13.557	162	1196559	40.109	ng/u1	100
45) 2-Nitroaniline	13.769	65	420188	45.730	ng/u1	99
47) Dimethylphthalate	14.134	163	1577203	41.659	ng/u1	99
48) 2,6-Dinitrotoluene	14.263	165	332782	44.989	ng/u1	98
50) Acenaphthylene	14.404	152	1869461	41.778	ng/u1	100
51) 3-Nitroaniline	14.598	138	320290	48.333	ng/u1	98
52) Acenaphthene	14.745	153	1299252	41.089	ng/u1	99
53) 2,4-Dinitrophenol	14.804	184	221920	46.329	ng/u1	99
55) 4-Nitrophenol	14.904	109	274149	48.559	ng/u1	96
56) Dibenzofuran	15.081	168	1805791	40.625	ng/u1	100
57) 2,4-Dinitrotoluene	15.051	165	479837	45.732	ng/u1	96
58) 2,3,4,6-Tetrachlorophenol	15.304	232	427965	43.410	ng/u1	98
59) Diethylphthalate	15.492	149	1602065	42.582	ng/u1	98
61) Fluorene	15.733	166	1488463	41.312	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.722	204	793184	40.976	ng/u1	97
63) 4-Nitroaniline	15.769	138	257864	50.031	ng/u1	97
66) 4,6-Dinitro-2-methylph...	15.816	198	313559	42.220	ng/u1	96
67) N-Nitrosodiphenylamine	15.939	169	1276532	39.393	ng/u1	98
68) 4-Bromophenyl-phenylether	16.622	248	512259	39.526	ng/u1	95
69) Hexachlorobenzene	16.739	284	588800	39.552	ng/u1	98
70) Atrazine	16.898	200	508534	43.110	ng/u1	98
71) Pentachlorophenol	17.086	266	358091	41.522	ng/u1	99
72) Phenanthrene	17.486	178	2369619	40.895	ng/u1	99
74) Anthracene	17.575	178	2355910	40.341	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.475	216	689258	37.596	ng/uL	98
76) Pentachlorobenzene	14.998	250	695949	38.045	ng/uL	99
77) Carbazole	17.851	167	2076281	42.484	ng/u1	99
78) Di-n-butylphthalate	18.375	149	2787098	45.355	ng/u1	100
80) Fluoranthene	19.445	202	2859959	38.896	ng/u1	99
82) Pyrene	19.798	202	2908045	37.882	ng/u1	99
83) Butylbenzylphthalate	20.651	149	1199825	45.375	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.439	252	844508	41.244	ng/u1	99
85) Benzo(a)anthracene	21.510	228	2716951	41.412	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.410	149	1647927	45.574	ng/u1	99
87) Chrysene	21.568	228	2549226	41.151	ng/u1	100
89) Di-n-octyl phthalate	22.374	149	2532186	48.981	ng/u1	100
90) Benzo(b)fluoranthene	23.274	252	2356589	43.801	ng/u1	99
91) Benzo(k)fluoranthene	23.327	252	2245287	42.968	ng/u1	99
93) Benzo(a)pyrene	23.945	252	1952654	42.164	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.709	276	2281567	35.810	ng/u1	99
95) Dibenzo(a,h)anthracene	26.721	278	1915587	35.910	ng/u1	98
96) Benzo(g,h,i)perylene	27.527	276	1800320	34.665	ng/u1	98

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

