

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
 Data File : BP014721.D
 Acq On : 19 Apr 2023 10:01
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020677

Quant Time: Apr 20 01:44:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 19 01:37:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/20/2023
 Supervised By :Jagrut Upadhyay 04/20/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.157	152	197735	20.000	ng/u1	0.00
20) Naphthalene-d8	10.987	136	825795	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.787	164	514483	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.539	188	1123678	20.000	ng/u1	0.00
79) Chrysene-d12	21.610	240	1100475	20.000	ng/u1	0.00
88) Perylene-d12	24.192	264	1189580	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	41431	8.328	ng/uL	0.00
4) Pyridine-d5	3.911	84	284217	20.983	ng/u1	0.00
7) Phenol-d5	7.287	99	339791	19.875	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	220069	20.865	ng/u1	0.00
11) 2-Chlorophenol-d4	7.675	132	263797	20.777	ng/u1	0.00
15) 4-Methylphenol-d8	8.852	113	267440	20.066	ng/u1	0.00
21) Nitrobenzene-d5	9.322	128	111347	21.518	ng/u1	0.00
24) 2-Nitrophenol-d4	10.051	143	95126	20.354	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.593	165	266052	20.965	ng/u1	0.00
31) 4-Chloroaniline-d4	11.110	131	393589	20.321	ng/u1	0.00
46) Dimethylphthalate-d6	14.187	166	850303	20.873	ng/u1	0.00
49) Acenaphthylene-d8	14.481	160	991551	21.003	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	127385	19.659	ng/u1	0.00
60) Fluorene-d10	15.775	176	733568	20.986	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	78630	17.291	ng/u1	0.00
73) Anthracene-d10	17.639	188	1150467	21.193	ng/u1	0.00
81) Pyrene-d10	19.851	212	1322376	20.977	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	1297131	21.038	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.522	88	44000	8.189	ng/uL	94
5) Pyridine	3.934	79	286022	21.046	ng/u1	97
6) Benzaldehyde	7.281	77	210426	24.884	ng/u1	95
8) Phenol	7.316	94	358915	20.113	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.563	93	301310	20.824	ng/u1	99
12) 2-Chlorophenol	7.710	128	280587	21.133	ng/u1	99
13) 2-Methylphenol	8.587	108	268260	20.086	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.681	45	388900	21.051	ng/u1	99
16) Acetophenone	8.981	105	472289	21.303	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.963	70	223955	20.769	ng/u1	96
18) 4-Methylphenol	8.916	108	295996	20.396	ng/u1	95
19) Hexachloroethane	9.252	117	117613	21.029	ng/u1	95
22) Nitrobenzene	9.369	77	304486	21.656	ng/u1	99
23) Isophorone	9.893	82	651443	20.519	ng/u1	99
25) 2-Nitrophenol	10.087	139	118435	21.335	ng/u1	96
26) 2,4-Dimethylphenol	10.134	107	321265	20.756	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.381	93	411134	20.902	ng/u1	100
29) 2,4-Dichlorophenol	10.616	162	268549	20.967	ng/u1	98
30) Naphthalene	11.034	128	959827	20.739	ng/u1	100
32) 4-Chloroaniline	11.134	127	404000	20.589	ng/u1	100
33) Hexachlorobutadiene	11.322	225	189143	20.877	ng/u1	98
34) Caprolactam	11.887	113	78110m	20.140	ng/u1	
35) 4-Chloro-3-methylphenol	12.234	107	275146	20.555	ng/u1	97
36) 2-Methylnaphthalene	12.628	142	644533	20.861	ng/u1	99

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37) 1-Methylnaphthalene	12.845	142	635968	20.763	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.987	216	361201	20.863	ng/u1	98
40) Hexachlorocyclopentadiene	12.975	237	195906	19.998	ng/u1	98
41) 2,4,6-Trichlorophenol	13.222	196	207313	21.141	ng/u1	100
42) 2,4,5-Trichlorophenol	13.287	196	229249	21.609	ng/u1	98
43) 1,1'-Biphenyl	13.622	154	878171	21.050	ng/u1	99
44) 2-Chloronaphthalene	13.669	162	689190	21.142	ng/u1	100
45) 2-Nitroaniline	13.863	65	132808	21.522	ng/u1	96
47) Dimethylphthalate	14.234	163	856588	20.875	ng/u1	100
48) 2,6-Dinitrotoluene	14.351	165	123390	22.046	ng/u1	94
50) Acenaphthylene	14.510	152	1075609	21.022	ng/u1	99
51) 3-Nitroaniline	14.681	138	132319	20.785	ng/u1	97
52) Acenaphthene	14.851	153	732026	20.983	ng/u1	98
53) 2,4-Dinitrophenol	14.881	184	43213	15.957	ng/u1	90
55) 4-Nitrophenol	14.969	109	110419	20.774	ng/u1	97
56) Dibenzofuran	15.187	168	1033600	21.051	ng/u1	98
57) 2,4-Dinitrotoluene	15.134	165	182793	22.259	ng/u1	95
58) 2,3,4,6-Tetrachlorophenol	15.404	232	193611	21.491	ng/u1	98
59) Diethylphthalate	15.598	149	835833	20.993	ng/u1	99
61) Fluorene	15.834	166	858071	21.409	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.822	204	437686	21.356	ng/u1	100
63) 4-Nitroaniline	15.839	138	144322	22.682	ng/u1	99
66) 4,6-Dinitro-2-methylph...	15.898	198	86784	17.927	ng/u1#	90
67) N-Nitrosodiphenylamine	16.034	169	705621	21.073	ng/u1	100
68) 4-Bromophenyl-phenylether	16.722	248	262842	20.871	ng/u1	98
69) Hexachlorobenzene	16.839	284	306152	20.952	ng/u1	98
70) Atrazine	16.981	200	246614	20.737	ng/u1	99
71) Pentachlorophenol	17.181	266	151653	19.066	ng/u1	97
72) Phenanthrene	17.581	178	1338442	21.135	ng/u1	99
74) Anthracene	17.669	178	1367264	21.296	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.592	216	369476	21.057	ng/uL	98
76) Pentachlorobenzene	15.104	250	362255	20.932	ng/uL	98
77) Carbazole	17.928	167	1191211	21.135	ng/u1	100
78) Di-n-butylphthalate	18.475	149	1343751	21.000	ng/u1	99
80) Fluoranthene	19.527	202	1545715	21.075	ng/u1	100
82) Pyrene	19.880	202	1638614	21.113	ng/u1	99
83) Butylbenzylphthalate	20.739	149	427397	20.171	ng/u1	100
84) 3,3'-Dichlorobenzidine	21.516	252	514160	20.869	ng/u1	98
85) Benzo(a)anthracene	21.592	228	1616957	21.138	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.504	149	739270	20.683	ng/u1	98
87) Chrysene	21.651	228	1554711	21.469	ng/u1	99
89) Di-n-octyl phthalate	22.492	149	1159680	18.018	ng/u1	100
90) Benzo(b)fluoranthene	23.398	252	1615663	20.850	ng/u1	100
91) Benzo(k)fluoranthene	23.451	252	1651551	21.310	ng/u1	99
93) Benzo(a)pyrene	24.074	252	1464353	21.278	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.915	276	1878703	20.974	ng/u1	99
95) Dibenzo(a,h)anthracene	26.939	278	1574745	20.993	ng/u1	99
96) Benzo(g,h,i)perylene	27.756	276	1497004	20.896	ng/u1	98

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

