

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031623\
 Data File : BP014098.D
 Acq On : 16 Mar 2023 12:28
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020777

Quant Time: Mar 17 00:58:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 17 00:57:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/17/2023
 Supervised By :Jagrut Upadhyay 03/17/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	167581	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	722754	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	511714	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.463	188	1171610	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.551	240	1111252	20.000	ng/u1	# 0.00
88) Perylene-d12	24.086	264	976024	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	36351	8.196	ng/uL	0.00
4) Pyridine-d5	3.858	84	204751	16.673	ng/u1	0.00
7) Phenol-d5	7.216	99	316966	21.433	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	199636	23.147	ng/u1	0.00
11) 2-Chlorophenol-d4	7.593	132	240555	21.350	ng/u1	0.00
15) 4-Methylphenol-d8	8.775	113	245111	20.291	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	112645	19.533	ng/u1	0.00
24) 2-Nitrophenol-d4	9.963	143	133744	19.374	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.504	165	253662	19.529	ng/u1	0.00
31) 4-Chloroaniline-d4	11.028	131	324662	18.888	ng/u1	0.00
46) Dimethylphthalate-d6	14.110	166	816348	18.798	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	901721	19.601	ng/u1	0.00
54) 4-Nitrophenol-d4	14.904	143	139041	18.168	ng/u1	0.00
60) Fluorene-d10	15.698	176	693003	18.829	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	153062	17.285	ng/u1	0.00
73) Anthracene-d10	17.563	188	1125497	19.789	ng/u1	0.00
81) Pyrene-d10	19.792	212	1339110	21.849	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.915	264	1039025	20.013	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.458	88	38866	8.117	ng/uL	94
5) Pyridine	3.881	79	225669	18.120	ng/u1	96
6) Benzaldehyde	7.199	77	187727m	25.512	ng/u1	
8) Phenol	7.246	94	325729	21.358	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.481	93	257684	22.054	ng/u1	99
12) 2-Chlorophenol	7.622	128	246877	21.748	ng/u1	95
13) 2-Methylphenol	8.504	108	233881	20.624	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.593	45	312153	24.739	ng/u1	98
16) Acetophenone	8.899	105	409481	20.983	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.875	70	216556	21.692	ng/u1	95
18) 4-Methylphenol	8.834	108	259235	20.783	ng/u1	99
19) Hexachloroethane	9.152	117	100561	20.226	ng/u1	92
22) Nitrobenzene	9.281	77	321488	20.840	ng/u1	99
23) Isophorone	9.810	82	602220	20.272	ng/u1	99
25) 2-Nitrophenol	9.999	139	139892	19.662	ng/u1	96
26) 2,4-Dimethylphenol	10.046	107	315101	20.234	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.287	93	360060	20.954	ng/u1	100
29) 2,4-Dichlorophenol	10.534	162	250284	19.534	ng/u1	98
30) Naphthalene	10.940	128	807464	20.345	ng/u1	99
32) 4-Chloroaniline	11.051	127	330044	19.081	ng/u1	96
33) Hexachlorobutadiene	11.216	225	184483	18.094	ng/u1	96
34) Caprolactam	11.881	113	67591m	16.247	ng/u1	
35) 4-Chloro-3-methylphenol	12.163	107	298530	20.149	ng/u1	95
36) 2-Methylnaphthalene	12.540	142	552109	19.833	ng/u1	100

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37) 1-Methylnaphthalene	12.757	142	549961	19.656	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.904	216	343418	18.559	ng/u1	97
40) Hexachlorocyclopentadiene	12.881	237	210899	15.916	ng/u1	98
41) 2,4,6-Trichlorophenol	13.140	196	221423	19.048	ng/u1	99
42) 2,4,5-Trichlorophenol	13.216	196	240759	18.873	ng/u1	98
43) 1,1'-Biphenyl	13.540	154	785115	19.929	ng/u1	99
44) 2-Chloronaphthalene	13.587	162	617034	19.720	ng/u1	98
45) 2-Nitroaniline	13.792	65	191783	20.724	ng/u1	96
47) Dimethylphthalate	14.157	163	816239	18.989	ng/u1	100
48) 2,6-Dinitrotoluene	14.281	165	161912	19.052	ng/u1	98
50) Acenaphthylene	14.434	152	962894	19.944	ng/u1	100
51) 3-Nitroaniline	14.616	138	152199	20.227	ng/u1	91
52) Acenaphthene	14.769	153	665199	19.709	ng/u1	98
53) 2,4-Dinitrophenol	14.822	184	92461	14.569	ng/u1	95
55) 4-Nitrophenol	14.922	109	131055	15.853	ng/u1	88
56) Dibenzofuran	15.104	168	948340	19.314	ng/u1	100
57) 2,4-Dinitrotoluene	15.069	165	240647	18.952	ng/u1	93
58) 2,3,4,6-Tetrachlorophenol	15.334	232	223053	18.276	ng/u1	98
59) Diethylphthalate	15.516	149	827354	18.976	ng/u1	98
61) Fluorene	15.757	166	780964	19.188	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.745	204	411389	18.313	ng/u1	100
63) 4-Nitroaniline	15.781	138	156473	20.230	ng/u1	92
66) 4,6-Dinitro-2-methylph...	15.834	198	149924	17.746	ng/u1#	94
67) N-Nitrosodiphenylamine	15.963	169	667800	20.182	ng/u1	99
68) 4-Bromophenyl-phenylether	16.645	248	266638	18.825	ng/u1	99
69) Hexachlorobenzene	16.763	284	311500	18.663	ng/u1	94
70) Atrazine	16.916	200	262186	18.371	ng/u1	98
71) Pentachlorophenol	17.110	266	184062	16.871	ng/u1	97
72) Phenanthrene	17.510	178	1281075	20.047	ng/u1	100
74) Anthracene	17.598	178	1300583	20.073	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.510	216	354826	19.734	ng/uL	99
76) Pentachlorobenzene	15.022	250	360353	19.293	ng/uL	99
77) Carbazole	17.869	167	1144563	20.027	ng/u1	100
78) Di-n-butylphthalate	18.398	149	1458196	20.415	ng/u1	100
80) Fluoranthene	19.463	202	1572729	22.513	ng/u1#	95
82) Pyrene	19.822	202	1601781	21.980	ng/u1	97
83) Butylbenzylphthalate	20.674	149	650103	22.124	ng/u1	97
84) 3,3'-Dichlorobenzidine	21.457	252	481492	16.926	ng/u1#	98
85) Benzo(a)anthracene	21.533	228	1556045	19.908	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	949589	21.615	ng/u1	99
87) Chrysene	21.586	228	1463363	19.645	ng/u1	99
89) Di-n-octyl phthalate	22.398	149	1556399	25.272	ng/u1	100
90) Benzo(b)fluoranthene	23.304	252	1378497m	21.196	ng/u1	
91) Benzo(k)fluoranthene	23.357	252	1366475	22.034	ng/u1	99
93) Benzo(a)pyrene	23.974	252	1140041	20.153	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.751	276	1266408	16.911	ng/u1	98
95) Dibenzo(a,h)anthracene	26.768	278	1055153	16.953	ng/u1	98
96) Benzo(g,h,i)perylene	27.574	276	993097	16.592	ng/u1	98

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

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