

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
 Data File : BP014180.D
 Acq On : 21 Mar 2023 14:24
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020782

Quant Time: Mar 22 01:19:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 21 04:47:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/22/2023
 Supervised By :mohammad ahmed 03/24/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	198746	20.000	ng/u1	0.00
20) Naphthalene-d8	10.869	136	873122	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.687	164	597557	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	1388382	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.522	240	1272911	20.000	ng/u1	# 0.00
88) Perylene-d12	24.039	264	1099726	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	38897	7.395	ng/uL	0.00
4) Pyridine-d5	3.846	84	277390	19.046	ng/u1	0.00
7) Phenol-d5	7.205	99	368043	20.985	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	229238	22.411	ng/u1	0.00
11) 2-Chlorophenol-d4	7.575	132	276958	20.727	ng/u1	0.00
15) 4-Methylphenol-d8	8.763	113	302655	21.126	ng/u1	0.00
21) Nitrobenzene-d5	9.222	128	142424	20.444	ng/u1	0.00
24) 2-Nitrophenol-d4	9.946	143	167833	20.125	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	308477	19.659	ng/u1	0.00
31) 4-Chloroaniline-d4	11.010	131	416111	20.039	ng/u1	0.00
46) Dimethylphthalate-d6	14.093	166	973768	19.201	ng/u1	0.00
49) Acenaphthylene-d8	14.381	160	1081966	20.140	ng/u1	0.00
54) 4-Nitrophenol-d4	14.893	143	160047	17.909	ng/u1	0.00
60) Fluorene-d10	15.681	176	822621	19.140	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	192011	18.298	ng/u1	0.00
73) Anthracene-d10	17.545	188	1321775	19.611	ng/u1	0.00
81) Pyrene-d10	19.769	212	1576164	22.451	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.874	264	1169975	20.001	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	41153	7.247	ng/uL	89
5) Pyridine	3.870	79	287962	19.497	ng/u1	98
6) Benzaldehyde	7.187	77	219534m	25.156	ng/u1	
8) Phenol	7.234	94	378543	20.929	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.464	93	304306	21.961	ng/u1	98
12) 2-Chlorophenol	7.611	128	285957	21.240	ng/u1	94
13) 2-Methylphenol	8.499	108	287970	21.411	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.581	45	383268	25.612	ng/u1	99
16) Acetophenone	8.881	105	490490	21.193	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.863	70	265208	22.399	ng/u1	98
18) 4-Methylphenol	8.828	108	320136	21.641	ng/u1	100
19) Hexachloroethane	9.134	117	126105	21.386	ng/u1	95
22) Nitrobenzene	9.263	77	395838	21.241	ng/u1	98
23) Isophorone	9.793	82	740391	20.631	ng/u1	97
25) 2-Nitrophenol	9.981	139	172272	20.044	ng/u1	95
26) 2,4-Dimethylphenol	10.034	107	382483	20.331	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.275	93	434651	20.938	ng/u1	99
29) 2,4-Dichlorophenol	10.516	162	300768	19.431	ng/u1	98
30) Naphthalene	10.922	128	967954	20.189	ng/u1	99
32) 4-Chloroaniline	11.034	127	416894	19.951	ng/u1	99
33) Hexachlorobutadiene	11.199	225	223619	18.155	ng/u1	99
34) Caprolactam	11.828	113	95074m	18.917	ng/u1	
35) 4-Chloro-3-methylphenol	12.152	107	365155	20.402	ng/u1	95
36) 2-Methylnaphthalene	12.522	142	670969	19.952	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.740	142	663946	19.643	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.887	216	408410	18.900	ng/u1	98
40) Hexachlorocyclopentadiene	12.857	237	240836	15.564	ng/u1	100
41) 2,4,6-Trichlorophenol	13.128	196	268993	19.816	ng/u1	99
42) 2,4,5-Trichlorophenol	13.204	196	289829	19.455	ng/u1	99
43) 1,1'-Biphenyl	13.522	154	930407	20.224	ng/u1	98
44) 2-Chloronaphthalene	13.569	162	735102	20.119	ng/u1	98
45) 2-Nitroaniline	13.775	65	243266	22.511	ng/u1	93
47) Dimethylphthalate	14.140	163	967655	19.277	ng/u1	99
48) 2,6-Dinitrotoluene	14.269	165	202252	20.380	ng/u1	99
50) Acenaphthylene	14.410	152	1144667	20.303	ng/u1	100
51) 3-Nitroaniline	14.604	138	182283	20.745	ng/u1	95
52) Acenaphthene	14.751	153	793491	20.132	ng/u1	100
53) 2,4-Dinitrophenol	14.810	184	122560	16.537	ng/u1	93
55) 4-Nitrophenol	14.910	109	155468	16.105	ng/u1	86
56) Dibenzofuran	15.087	168	1126178	19.641	ng/u1	99
57) 2,4-Dinitrotoluene	15.051	165	296180	19.975	ng/u1	90
58) 2,3,4,6-Tetrachlorophenol	15.316	232	267824	18.792	ng/u1	98
59) Diethylphthalate	15.498	149	994271	19.529	ng/u1	99
61) Fluorene	15.740	166	929385	19.554	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.722	204	492438	18.771	ng/u1	98
63) 4-Nitroaniline	15.763	138	186797	20.681	ng/u1	94
66) 4,6-Dinitro-2-methylph...	15.816	198	184802	18.460	ng/u1#	93
67) N-Nitrosodiphenylamine	15.940	169	793144	20.227	ng/u1	98
68) 4-Bromophenyl-phenylether	16.622	248	318039	18.949	ng/u1	98
69) Hexachlorobenzene	16.740	284	365741	18.492	ng/u1#	94
70) Atrazine	16.892	200	322172	19.049	ng/u1	98
71) Pentachlorophenol	17.092	266	220511	17.056	ng/u1	98
72) Phenanthrene	17.487	178	1500872	19.820	ng/u1	100
74) Anthracene	17.581	178	1542467	20.089	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.493	216	425335	19.962	ng/uL	98
76) Pentachlorobenzene	15.004	250	429885	19.422	ng/uL	99
77) Carbazole	17.845	167	1354916	20.006	ng/u1	99
78) Di-n-butylphthalate	18.375	149	1766506	20.870	ng/u1	99
80) Fluoranthene	19.439	202	1841892	23.018	ng/u1#	94
82) Pyrene	19.798	202	1905468	22.827	ng/u1	95
83) Butylbenzylphthalate	20.651	149	830771	24.682	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.433	252	588355	18.055	ng/u1	99
85) Benzo(a)anthracene	21.504	228	1787117	19.961	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	1232497	24.492	ng/u1	100
87) Chrysene	21.563	228	1690894	19.817	ng/u1	100
89) Di-n-octyl phthalate	22.363	149	2064469	29.751	ng/u1	100
90) Benzo(b)fluoranthene	23.269	252	1556617	21.242	ng/u1	98
91) Benzo(k)fluoranthene	23.316	252	1485582	21.260	ng/u1	98
93) Benzo(a)pyrene	23.927	252	1273522	19.981	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.686	276	1519243	18.006	ng/u1	98
95) Dibenzo(a,h)anthracene	26.704	278	1263330	18.015	ng/u1	98
96) Benzo(g,h,i)perylene	27.504	276	1201672	17.818	ng/u1	98

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

