

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
 Data File : BP015906.D
 Acq On : 02 Jul 2023 04:24
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020782

Quant Time: Jul 02 06:13:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :mohammad ahmed 07/03/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.045	152	329499	20.000	ng/u1	0.00
20) Naphthalene-d8	10.869	136	1479613	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.698	164	915938	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	2042543	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.551	240	1476418	20.000	ng/u1	0.00
88) Perylene-d12	24.098	264	1546008	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	68440	7.473	ng/uL	0.00
4) Pyridine-d5	3.816	84	497147	21.535	ng/u1	0.00
7) Phenol-d5	7.222	99	662600	23.503	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	413806	23.725	ng/u1	0.00
11) 2-Chlorophenol-d4	7.575	132	487474	22.906	ng/u1	0.00
15) 4-Methylphenol-d8	8.781	113	514358	23.095	ng/u1	0.00
21) Nitrobenzene-d5	9.234	128	252475	22.328	ng/u1	0.00
24) 2-Nitrophenol-d4	9.957	143	287483	21.783	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.510	165	513445	21.832	ng/u1	0.00
31) 4-Chloroaniline-d4	11.028	131	732928	24.260	ng/u1	0.00
46) Dimethylphthalate-d6	14.104	166	1461566	20.645	ng/u1	0.00
49) Acenaphthylene-d8	14.392	160	1739475	21.857	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	199455	21.349	ng/u1	0.00
60) Fluorene-d10	15.692	176	1281344	21.981	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	215632	17.166	ng/u1	0.00
73) Anthracene-d10	17.557	188	2042362	21.890	ng/u1	0.00
81) Pyrene-d10	19.786	212	2139640	22.194	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.927	264	1643977	21.080	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	77042	7.817	ng/uL	98
5) Pyridine	3.834	79	530460	21.964	ng/u1	96
6) Benzaldehyde	7.193	77	285137	25.016	ng/u1	95
8) Phenol	7.251	94	694980	23.755	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.463	93	551851	23.708	ng/u1	99
12) 2-Chlorophenol	7.610	128	518330	22.925	ng/u1	100
13) 2-Methylphenol	8.510	108	526567	23.839	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.581	45	816223	25.673	ng/u1	98
16) Acetophenone	8.887	105	832090	22.728	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.863	70	457657	22.507	ng/u1	98
18) 4-Methylphenol	8.845	108	571752	24.091	ng/u1	100
19) Hexachloroethane	9.122	117	214813	20.571	ng/u1	89
22) Nitrobenzene	9.275	77	694591	21.874	ng/u1	97
23) Isophorone	9.798	82	1289597	21.222	ng/u1	99
25) 2-Nitrophenol	9.992	139	309607	22.105	ng/u1#	91
26) 2,4-Dimethylphenol	10.051	107	633037	20.560	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.275	93	778624	22.698	ng/u1	99
29) 2,4-Dichlorophenol	10.539	162	517080	22.115	ng/u1	99
30) Naphthalene	10.922	128	1736462	21.588	ng/u1	100
32) 4-Chloroaniline	11.051	127	759723	24.204	ng/u1	98
33) Hexachlorobutadiene	11.186	225	313305	17.744	ng/u1	99
34) Caprolactam	11.857	113	178711m	24.988	ng/u1	
35) 4-Chloro-3-methylphenol	12.186	107	603853	22.064	ng/u1	97
36) 2-Methylnaphthalene	12.528	142	1159337	21.895	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.745	142	1164403	21.557	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.898	216	616601	20.429	ng/ul	98
40) Hexachlorocyclopentadiene	12.857	237	94123	10.424	ng/ul	97
41) 2,4,6-Trichlorophenol	13.151	196	404823	21.223	ng/ul	98
42) 2,4,5-Trichlorophenol	13.239	196	455078	22.492	ng/ul	96
43) 1,1'-Biphenyl	13.528	154	1555786	21.445	ng/ul	97
44) 2-Chloronaphthalene	13.580	162	1237206	21.648	ng/ul	98
45) 2-Nitroaniline	13.804	65	436501	24.273	ng/ul	94
47) Dimethylphthalate	14.151	163	1528761	20.866	ng/ul	99
48) 2,6-Dinitrotoluene	14.292	165	333457	22.437	ng/ul	97
50) Acenaphthylene	14.422	152	1942431	22.151	ng/ul	100
51) 3-Nitroaniline	14.639	138	306736	26.319	ng/ul	96
52) Acenaphthene	14.757	153	1335210	21.958	ng/ul	97
53) 2,4-Dinitrophenol	14.869	184	170797	21.662	ng/ul	85
55) 4-Nitrophenol	14.969	109	220716	22.798	ng/ul#	82
56) Dibenzofuran	15.098	168	1858048	22.012	ng/ul	96
57) 2,4-Dinitrotoluene	15.098	165	475682	23.488	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.339	232	375912	21.631	ng/ul	99
59) Diethylphthalate	15.510	149	1575601	21.251	ng/ul	98
61) Fluorene	15.745	166	1514838	22.125	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.733	204	729469	20.822	ng/ul	96
63) 4-Nitroaniline	15.810	138	229539	28.777	ng/ul#	82
66) 4,6-Dinitro-2-methylph...	15.869	198	218773	17.213	ng/ul	97
67) N-Nitrosodiphenylamine	15.957	169	1291644	21.124	ng/ul	99
68) 4-Bromophenyl-phenylether	16.633	248	456581	19.575	ng/ul	92
69) Hexachlorobenzene	16.757	284	530645	19.281	ng/ul	96
70) Atrazine	16.916	200	473167	20.215	ng/ul	96
71) Pentachlorophenol	17.121	266	261636	19.808	ng/ul	96
72) Phenanthrene	17.498	178	2428236	21.883	ng/ul	100
74) Anthracene	17.598	178	2465357	22.111	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.498	216	633982	19.075	ng/ul	98
76) Pentachlorobenzene	15.022	250	625709	18.653	ng/ul	99
77) Carbazole	17.874	167	2211826	23.536	ng/ul	100
78) Di-n-butylphthalate	18.386	149	2864316	22.991	ng/ul	99
80) Fluoranthene	19.462	202	2708529	22.606	ng/ul#	93
82) Pyrene	19.815	202	2739358	22.413	ng/ul#	89
83) Butylbenzylphthalate	20.662	149	1289148	25.854	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.462	252	671040	20.106	ng/ul	99
85) Benzo(a)anthracene	21.533	228	2287495	22.025	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.409	149	1869703	27.285	ng/ul	100
87) Chrysene	21.586	228	2152508	21.845	ng/ul	100
89) Di-n-octyl phthalate	22.368	149	3075809	27.223	ng/ul	100
90) Benzo(b)fluoranthene	23.309	252	2152827	21.672	ng/ul	99
91) Benzo(k)fluoranthene	23.356	252	2096356	20.887	ng/ul#	97
93) Benzo(a)pyrene	23.980	252	1846462	21.273	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.792	276	2449378	20.787	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.797	278	2023522	20.907	ng/ul#	94
96) Benzo(g,h,i)perylene	27.627	276	2003200	20.665	ng/ul#	96

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

