

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072623\
 Data File : BP016373.D
 Acq On : 26 Jul 2023 14:06
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020673

Quant Time: Jul 26 23:49:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 25 23:56:16 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/27/2023
 Supervised By :mohammad ahmed 07/27/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	494801	20.000	ng/u1	0.00
20) Naphthalene-d8	10.928	136	2189228	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.739	164	1332967	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.504	188	2847372	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	2190831	20.000	ng/u1	0.00
88) Perylene-d12	24.198	264	2023850	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	100244	7.988	ng/uL	0.00
4) Pyridine-d5	3.852	84	753834	21.173	ng/u1	0.00
7) Phenol-d5	7.222	99	864514	20.879	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	531667	21.387	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	680103	21.054	ng/u1	0.00
15) 4-Methylphenol-d8	8.792	113	702993	21.111	ng/u1	0.00
21) Nitrobenzene-d5	9.287	128	317366	23.542	ng/u1	0.00
24) 2-Nitrophenol-d4	10.004	143	269904	24.276	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	657429	21.333	ng/u1	0.00
31) 4-Chloroaniline-d4	11.075	131	1006429	20.992	ng/u1	0.00
46) Dimethylphthalate-d6	14.151	166	1978059	20.276	ng/u1	0.00
49) Acenaphthylene-d8	14.439	160	2353812	20.423	ng/u1	0.00
54) 4-Nitrophenol-d4	14.922	143	317175	19.404	ng/u1	0.00
60) Fluorene-d10	15.727	176	1695075	20.424	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.845	200	155357	16.565	ng/u1	0.00
73) Anthracene-d10	17.604	188	2577158	20.433	ng/u1	0.00
81) Pyrene-d10	19.827	212	2757709	22.169	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	1975809	20.235	ng/u1	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.463	88	107407	8.072	ng/uL	97
5) Pyridine	3.875	79	778808	21.500	ng/u1	99
6) Benzaldehyde	7.245	77	550689	24.378	ng/u1	99
8) Phenol	7.251	94	906947	21.063	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.522	93	737793	20.916	ng/u1	100
12) 2-Chlorophenol	7.645	128	695715	20.947	ng/u1	99
13) 2-Methylphenol	8.522	108	689001	20.868	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.610	45	923167m	21.629	ng/u1	
16) Acetophenone	8.940	105	1145774	21.803	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.916	70	577563	21.106	ng/u1	99
18) 4-Methylphenol	8.857	108	743183	21.067	ng/u1	97
19) Hexachloroethane	9.169	117	284408	20.468	ng/u1	98
22) Nitrobenzene	9.334	77	809134	22.420	ng/u1	97
23) Isophorone	9.845	82	1646598	20.256	ng/u1	99
25) 2-Nitrophenol	10.039	139	330404	23.816	ng/u1	98
26) 2,4-Dimethylphenol	10.069	107	806510	20.561	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.339	93	1007387	20.554	ng/u1	100
29) 2,4-Dichlorophenol	10.557	162	662632	21.269	ng/u1	98
30) Naphthalene	10.981	128	2314789	20.415	ng/u1	100
32) 4-Chloroaniline	11.098	127	987087	21.002	ng/u1	98
33) Hexachlorobutadiene	11.216	225	405471	19.803	ng/u1	99
34) Caprolactam	11.886	113	230054	20.730	ng/u1	99
35) 4-Chloro-3-methylphenol	12.186	107	733864	21.281	ng/u1	98
36) 2-Methylnaphthalene	12.575	142	1575230	20.385	ng/u1	99

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37) 1-Methylnaphthalene	12.792	142	1598370	20.688	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.916	216	793799	20.157	ng/ul	100
40) Hexachlorocyclopentadiene	12.881	237	398317	14.169	ng/ul	98
41) 2,4,6-Trichlorophenol	13.163	196	499730	21.538	ng/ul	98
42) 2,4,5-Trichlorophenol	13.228	196	542123	21.832	ng/ul	100
43) 1,1'-Biphenyl	13.575	154	2064648	20.513	ng/ul	99
44) 2-Chloronaphthalene	13.622	162	1603796	20.369	ng/ul	99
45) 2-Nitroaniline	13.839	65	414395	25.153	ng/ul	98
47) Dimethylphthalate	14.198	163	1972779	20.052	ng/ul	100
48) 2,6-Dinitrotoluene	14.333	165	354001	24.970	ng/ul	95
50) Acenaphthylene	14.469	152	2679311	20.405	ng/ul	100
51) 3-Nitroaniline	14.663	138	385113	23.219	ng/ul#	95
52) Acenaphthene	14.804	153	1730828	20.443	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	75387	12.433	ng/ul	92
55) 4-Nitrophenol	14.939	109	261904	19.877	ng/ul	99
56) Dibenzofuran	15.139	168	2365276	20.407	ng/ul	99
57) 2,4-Dinitrotoluene	15.110	165	501058	24.789	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.345	232	419046	21.154	ng/ul	98
59) Diethylphthalate	15.551	149	2005837	20.243	ng/ul	99
61) Fluorene	15.786	166	1931437	20.516	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.780	204	935753	20.389	ng/ul	99
63) 4-Nitroaniline	15.827	138	363805	23.921	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.857	198	179953	16.050	ng/ul	96
67) N-Nitrosodiphenylamine	15.998	169	1616431	20.247	ng/ul	99
68) 4-Bromophenyl-phenylether	16.680	248	556954	20.625	ng/ul	98
69) Hexachlorobenzene	16.763	284	658093	20.323	ng/ul	98
70) Atrazine	16.951	200	585515	20.101	ng/ul	99
71) Pentachlorophenol	17.121	266	329985	18.084	ng/ul	97
72) Phenanthrene	17.545	178	3016984	20.362	ng/ul	99
74) Anthracene	17.639	178	3073161	20.362	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.528	216	833806	20.287	ng/ul	99
76) Pentachlorobenzene	15.027	250	737089	20.294	ng/ul	99
77) Carbazole	17.910	167	2724114	20.969	ng/ul	99
78) Di-n-butylphthalate	18.433	149	3398440	20.541	ng/ul	100
80) Fluoranthene	19.498	202	3324997	22.298	ng/ul	99
82) Pyrene	19.857	202	3433816	22.289	ng/ul	99
83) Butylbenzylphthalate	20.721	149	1360802	23.332	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.509	252	858234	17.823	ng/ul	98
85) Benzo(a)anthracene	21.574	228	3015465	20.321	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.474	149	2064078	23.200	ng/ul	99
87) Chrysene	21.633	228	2789903	20.302	ng/ul	99
89) Di-n-octyl phthalate	22.474	149	3312228	26.036	ng/ul	100
90) Benzo(b)fluoranthene	23.386	252	2566803	21.178	ng/ul	99
91) Benzo(k)fluoranthene	23.439	252	2522664	20.915	ng/ul	99
93) Benzo(a)pyrene	24.080	252	2324504	20.364	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.974	276	2501912	18.981	ng/ul	99
95) Dibenzo(a,h)anthracene	27.009	278	2082384	19.102	ng/ul	100
96) Benzo(g,h,i)perylene	27.839	276	1957577	18.759	ng/ul	99

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

