

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP083123\
 Data File : BP016888.D
 Acq On : 31 Aug 2023 09:38
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020713

Quant Time: Sep 01 00:58:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 30 02:25:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	506216	20.000	ng/u1	0.00
20) Naphthalene-d8	10.846	136	2291192	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.675	164	1411028	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	2970302	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	2198990	20.000	ng/u1	0.00
88) Perylene-d12	24.110	264	2079706	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	103187	8.425	ng/uL	0.00
4) Pyridine-d5	3.811	84	773824	20.674	ng/u1	0.00
7) Phenol-d5	7.164	99	900878	20.014	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.358	67	602916	21.016	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	706206	20.867	ng/u1	0.00
15) 4-Methylphenol-d8	8.728	113	736017	20.030	ng/u1	0.00
21) Nitrobenzene-d5	9.216	128	354790	20.480	ng/u1	0.00
24) 2-Nitrophenol-d4	9.934	143	369473	20.234	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.458	165	696477	20.459	ng/u1	0.00
31) 4-Chloroaniline-d4	11.005	131	1022465	19.585	ng/u1	0.00
46) Dimethylphthalate-d6	14.087	166	2100457	19.739	ng/u1	0.00
49) Acenaphthylene-d8	14.375	160	2500764	20.789	ng/u1	0.00
54) 4-Nitrophenol-d4	14.881	143	355106	16.145	ng/u1	0.00
60) Fluorene-d10	15.669	176	1822855	20.342	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.793	200	286355	16.188	ng/u1	0.00
73) Anthracene-d10	17.545	188	2738704	20.801	ng/u1	0.00
81) Pyrene-d10	19.775	212	2894259	23.965	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.939	264	2121588	20.366	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.417	88	113238	8.490	ng/uL	98
5) Pyridine	3.834	79	798546	20.712	ng/u1	99
6) Benzaldehyde	7.175	77	602278	24.467	ng/u1	100
8) Phenol	7.193	94	957003	20.315	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.452	93	778942	20.485	ng/u1	99
12) 2-Chlorophenol	7.569	128	723044	20.901	ng/u1	99
13) 2-Methylphenol	8.458	108	707092	20.010	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.534	45	1192358m	21.497	ng/u1	
16) Acetophenone	8.869	105	1180037	20.710	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.840	70	633533	21.099	ng/u1	97
18) 4-Methylphenol	8.793	108	773988	20.114	ng/u1	98
19) Hexachloroethane	9.087	117	296920	20.628	ng/u1	94
22) Nitrobenzene	9.263	77	932369	20.979	ng/u1	99
23) Isophorone	9.775	82	1741372	20.174	ng/u1	99
25) 2-Nitrophenol	9.963	139	416019	20.604	ng/u1	98
26) 2,4-Dimethylphenol	9.999	107	829819	20.448	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.258	93	1076059	20.206	ng/u1	99
29) 2,4-Dichlorophenol	10.481	162	699274	20.449	ng/u1	99
30) Naphthalene	10.899	128	2425600	20.437	ng/u1	100
32) 4-Chloroaniline	11.028	127	1005435	19.597	ng/u1	100
33) Hexachlorobutadiene	11.128	225	403600	19.160	ng/u1	99
34) Caprolactam	11.857	113	224971	17.840	ng/u1	97
35) 4-Chloro-3-methylphenol	12.128	107	784976	20.470	ng/u1	100
36) 2-Methylnaphthalene	12.499	142	1674604	20.441	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.716	142	1694437	20.511	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.846	216	798651	19.859	ng/ul	99
40) Hexachlorocyclopentadiene	12.799	237	583329	19.724	ng/ul	98
41) 2,4,6-Trichlorophenol	13.099	196	544421	20.272	ng/ul	98
42) 2,4,5-Trichlorophenol	13.169	196	582098	20.030	ng/ul	98
43) 1,1'-Biphenyl	13.504	154	2185570	20.833	ng/ul	98
44) 2-Chloronaphthalene	13.557	162	1713445	20.689	ng/ul	99
45) 2-Nitroaniline	13.787	65	529783	21.093	ng/ul	98
47) Dimethylphthalate	14.134	163	2116992	19.644	ng/ul	100
48) 2,6-Dinitrotoluene	14.275	165	423831	20.071	ng/ul	95
50) Acenaphthylene	14.404	152	2855348	20.738	ng/ul	100
51) 3-Nitroaniline	14.616	138	427042	19.421	ng/ul	100
52) Acenaphthene	14.740	153	1871891	20.550	ng/ul	100
53) 2,4-Dinitrophenol	14.810	184	197753	12.887	ng/ul	94
55) 4-Nitrophenol	14.898	109	279650	16.836	ng/ul	97
56) Dibenzofuran	15.075	168	2534997	20.283	ng/ul	98
57) 2,4-Dinitrotoluene	15.057	165	616705	19.841	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.287	232	465240	18.805	ng/ul	95
59) Diethylphthalate	15.487	149	2186925	19.975	ng/ul	99
61) Fluorene	15.728	166	2122038	20.299	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.716	204	1012529	19.727	ng/ul	98
63) 4-Nitroaniline	15.787	138	392377	18.753	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.810	198	309810	16.245	ng/ul	96
67) N-Nitrosodiphenylamine	15.940	169	1738950	21.167	ng/ul	99
68) 4-Bromophenyl-phenylether	16.622	248	575409	20.206	ng/ul	96
69) Hexachlorobenzene	16.704	284	628582	19.714	ng/ul	97
70) Atrazine	16.898	200	622845	20.110	ng/ul	99
71) Pentachlorophenol	17.063	266	429273	18.136	ng/ul	99
72) Phenanthrene	17.487	178	3248059	20.771	ng/ul	100
74) Anthracene	17.581	178	3278040	20.732	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.463	216	845892	21.269	ng/ul	99
76) Pentachlorobenzene	14.969	250	740166	20.825	ng/ul	98
77) Carbazole	17.863	167	2859155	20.078	ng/ul	100
78) Di-n-butylphthalate	18.369	149	3715746	20.915	ng/ul	100
80) Fluoranthene	19.445	202	3489639	24.053	ng/ul	98
82) Pyrene	19.804	202	3597160	24.003	ng/ul	99
83) Butylbenzylphthalate	20.663	149	1513948	23.425	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.463	252	868739	18.483	ng/ul	99
85) Benzo(a)anthracene	21.528	228	3121761	20.610	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	2175425	23.052	ng/ul	99
87) Chrysene	21.580	228	2844169	20.672	ng/ul	99
89) Di-n-octyl phthalate	22.380	149	3268969	20.872	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	2664911	20.067	ng/ul	100
91) Benzo(k)fluoranthene	23.357	252	2648921	20.168	ng/ul	98
93) Benzo(a)pyrene	23.992	252	2464974	20.520	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.833	276	2778673	22.637	ng/ul	100
95) Dibenzo(a,h)anthracene	26.863	278	2286462	22.427	ng/ul	99
96) Benzo(g,h,i)perylene	27.686	276	2213037	23.780	ng/ul	99

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

