

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081423\
 Data File : BP016583.D
 Acq On : 15 Aug 2023 04:37
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020682

Quant Time: Aug 15 05:09:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 14 18:26:05 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/15/2023
 Supervised By :Sohil Jodhani 08/15/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	517939	20.000	ng/u1	0.00
20) Naphthalene-d8	10.893	136	2331419	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	1391055	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.475	188	2931820	20.000	ng/u1	0.00
79) Chrysene-d12	21.575	240	2416532	20.000	ng/u1	0.00
88) Perylene-d12	24.163	264	2264254	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	111872	8.207	ng/uL	0.00
4) Pyridine-d5	3.834	84	861817	20.782	ng/u1	0.00
7) Phenol-d5	7.199	99	996954	20.879	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.393	67	645638	20.529	ng/u1	0.00
11) 2-Chlorophenol-d4	7.575	132	756317	22.052	ng/u1	0.00
15) 4-Methylphenol-d8	8.763	113	796937	20.990	ng/u1	0.00
21) Nitrobenzene-d5	9.258	128	378025	23.044	ng/u1	0.00
24) 2-Nitrophenol-d4	9.969	143	388631	24.943	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	715966	23.350	ng/u1	0.00
31) 4-Chloroaniline-d4	11.046	131	1098911	20.888	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	2140817	21.278	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	2509351	22.096	ng/u1	0.00
54) 4-Nitrophenol-d4	14.910	143	421747	20.576	ng/u1	0.00
60) Fluorene-d10	15.704	176	1794767	20.924	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	262622	18.829	ng/u1	0.00
73) Anthracene-d10	17.575	188	2727163	21.505	ng/u1	0.00
81) Pyrene-d10	19.804	212	3014790	23.810	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	2365418	21.799	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.434	88	120992	8.073	ng/uL	98
5) Pyridine	3.852	79	888186	20.643	ng/u1	99
6) Benzaldehyde	7.211	77	641928	24.388	ng/u1	97
8) Phenol	7.222	94	1052643	20.626	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.487	93	844161	20.477	ng/u1	99
12) 2-Chlorophenol	7.611	128	767266	21.262	ng/u1	99
13) 2-Methylphenol	8.493	108	779351	21.023	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.575	45	1169193m	20.349	ng/u1	
16) Acetophenone	8.905	105	1277194	20.831	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.881	70	685922	20.860	ng/u1	98
18) 4-Methylphenol	8.828	108	842547	20.680	ng/u1	98
19) Hexachloroethane	9.134	117	317862	21.083	ng/u1	100
22) Nitrobenzene	9.299	77	993735	21.639	ng/u1	97
23) Isophorone	9.816	82	1902933	21.939	ng/u1	100
25) 2-Nitrophenol	10.005	139	434074	24.370	ng/u1	97
26) 2,4-Dimethylphenol	10.040	107	914962	21.789	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.299	93	1158895	20.843	ng/u1	99
29) 2,4-Dichlorophenol	10.522	162	716414	22.709	ng/u1	99
30) Naphthalene	10.940	128	2536711	20.825	ng/u1	99
32) 4-Chloroaniline	11.069	127	1081370	20.753	ng/u1	100
33) Hexachlorobutadiene	11.175	225	419320	22.050	ng/u1	99
34) Caprolactam	11.881	113	260809	21.250	ng/u1	98
35) 4-Chloro-3-methylphenol	12.163	107	854173	22.151	ng/u1	99
36) 2-Methylnaphthalene	12.540	142	1711429	20.975	ng/u1	99

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37) 1-Methylnaphthalene	12.757	142	1730986	21.069	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.887	216	815578	21.920	ng/ul	99
40) Hexachlorocyclopentadiene	12.840	237	414582	18.313	ng/ul	99
41) 2,4,6-Trichlorophenol	13.134	196	555617	23.995	ng/ul	97
42) 2,4,5-Trichlorophenol	13.204	196	593747	23.655	ng/ul	99
43) 1,1'-Biphenyl	13.546	154	2184229	21.124	ng/ul	98
44) 2-Chloronaphthalene	13.593	162	1701419	21.149	ng/ul	99
45) 2-Nitroaniline	13.816	65	563375	23.161	ng/ul	96
47) Dimethylphthalate	14.169	163	2147674	20.877	ng/ul	99
48) 2,6-Dinitrotoluene	14.304	165	425929	23.904	ng/ul	98
50) Acenaphthylene	14.440	152	2873266	21.484	ng/ul	99
51) 3-Nitroaniline	14.645	138	462071	23.128	ng/ul	94
52) Acenaphthene	14.775	153	1856245	20.734	ng/ul	99
53) 2,4-Dinitrophenol	14.840	184	159725	16.102	ng/ul	94
55) 4-Nitrophenol	14.922	109	335314	20.123	ng/ul	99
56) Dibenzofuran	15.110	168	2492029	20.402	ng/ul	99
57) 2,4-Dinitrotoluene	15.087	165	618671	23.186	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.322	232	480324	22.840	ng/ul	97
59) Diethylphthalate	15.522	149	2181486	20.740	ng/ul	99
61) Fluorene	15.757	166	2047928	20.447	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.751	204	974424	20.725	ng/ul	98
63) 4-Nitroaniline	15.810	138	445938	23.324	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.840	198	287678	18.602	ng/ul	95
67) N-Nitrosodiphenylamine	15.975	169	1730145	21.771	ng/ul	99
68) 4-Bromophenyl-phenylether	16.651	248	588592	22.485	ng/ul	99
69) Hexachlorobenzene	16.734	284	658959	21.544	ng/ul	97
70) Atrazine	16.928	200	627040	21.931	ng/ul	99
71) Pentachlorophenol	17.098	266	405686	21.543	ng/ul	98
72) Phenanthrene	17.522	178	3210565	20.786	ng/ul	100
74) Anthracene	17.610	178	3266397	21.053	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.499	216	857806	23.023	ng/ul	97
76) Pentachlorobenzene	14.998	250	751655	22.484	ng/ul	99
77) Carbazole	17.892	167	3013194	21.075	ng/ul	99
78) Di-n-butylphthalate	18.404	149	3722595	22.492	ng/ul	99
80) Fluoranthene	19.475	202	3675768	24.323	ng/ul	100
82) Pyrene	19.833	202	3723729	23.334	ng/ul	99
83) Butylbenzylphthalate	20.692	149	1669043	25.963	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.492	252	1078154	20.489	ng/ul	99
85) Benzo(a)anthracene	21.557	228	3481556	21.437	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.433	149	2398450	25.707	ng/ul	98
87) Chrysene	21.610	228	3164589	20.823	ng/ul	99
89) Di-n-octyl phthalate	22.422	149	4009624	28.380	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	3027556	22.456	ng/ul	99
91) Benzo(k)fluoranthene	23.404	252	2957082	22.109	ng/ul	99
93) Benzo(a)pyrene	24.045	252	2701717	21.244	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.910	276	2878228	19.175	ng/ul	98
95) Dibenzo(a,h)anthracene	26.945	278	2405864	19.260	ng/ul	98
96) Benzo(g,h,i)perylene	27.774	276	2235710	18.715	ng/ul	98

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

