

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082523\
 Data File : BP016749.D
 Acq On : 25 Aug 2023 17:11
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTD020703

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/26/2023

Supervised By :mohammad ahmed 08/26/2023

Quant Time: Aug 25 23:10:13 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Aug 25 01:47:30 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	340760	20.000	ng/u1	0.00
20) Naphthalene-d8	10.869	136	1531778	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.686	164	959474	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	2095530	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	1914632	20.000	ng/u1	0.00
88) Perylene-d12	24.127	264	1933485	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	62998	7.641	ng/uL	0.00
4) Pyridine-d5	3.816	84	457753	18.168	ng/u1	0.00
7) Phenol-d5	7.175	99	534085	17.626	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	345386	17.885	ng/u1	0.00
11) 2-Chlorophenol-d4	7.551	132	423974	18.610	ng/u1	0.00
15) 4-Methylphenol-d8	8.740	113	438764	17.738	ng/u1	0.00
21) Nitrobenzene-d5	9.234	128	208533	18.005	ng/u1	0.00
24) 2-Nitrophenol-d4	9.951	143	220519	18.063	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.475	165	420067	18.457	ng/u1	0.00
31) 4-Chloroaniline-d4	11.022	131	633693	18.156	ng/u1	0.00
46) Dimethylphthalate-d6	14.098	166	1311152	18.120	ng/u1	0.00
49) Acenaphthylene-d8	14.386	160	1538823	18.813	ng/u1	0.00
54) 4-Nitrophenol-d4	14.892	143	248133	16.591	ng/u1	0.00
60) Fluorene-d10	15.680	176	1125798	18.476	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	194599	15.593	ng/u1	0.00
73) Anthracene-d10	17.557	188	1741964	18.754	ng/u1	0.00
81) Pyrene-d10	19.786	212	1990048	18.925	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.956	264	1785870	18.439	ng/u1	0.00
Target Compounds						
2) 1,4-Dioxane	3.422	88	66905	7.452	ng/uL	98
5) Pyridine	3.840	79	474836	18.295	ng/u1	98
6) Benzaldehyde	7.193	77	340666	20.559	ng/u1	98
8) Phenol	7.204	94	563634	17.774	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.469	93	461411	18.026	ng/u1	98
12) 2-Chlorophenol	7.587	128	430326	18.480	ng/u1	99
13) 2-Methylphenol	8.469	108	426447	17.928	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.545	45	679049m	18.187	ng/u1	
16) Acetophenone	8.887	105	707586	18.448	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.851	70	373212	18.464	ng/u1	99
18) 4-Methylphenol	8.804	108	464300	17.925	ng/u1	99
19) Hexachloroethane	9.110	117	172178	17.770	ng/u1	98
22) Nitrobenzene	9.275	77	538135	18.111	ng/u1	100
23) Isophorone	9.792	82	1060817	18.383	ng/u1	99
25) 2-Nitrophenol	9.981	139	243654	18.050	ng/u1	100
26) 2,4-Dimethylphenol	10.016	107	496870	18.314	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.275	93	647591	18.189	ng/u1	99
29) 2,4-Dichlorophenol	10.498	162	417162	18.247	ng/u1	98
30) Naphthalene	10.916	128	1458802	18.385	ng/u1	100
32) 4-Chloroaniline	11.045	127	622425	18.147	ng/u1	100
33) Hexachlorobutadiene	11.151	225	248796	17.667	ng/u1	97
34) Caprolactam	11.863	113	150169	17.812	ng/u1	92
35) 4-Chloro-3-methylphenol	12.139	107	467284	18.227	ng/u1	99
36) 2-Methylnaphthalene	12.516	142	1004126	18.334	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.739	142	1020217	18.472	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.869	216	497141	18.179	ng/ul	98
40) Hexachlorocyclopentadiene	12.816	237	395163	19.650	ng/ul	99
41) 2,4,6-Trichlorophenol	13.116	196	331299	18.142	ng/ul	99
42) 2,4,5-Trichlorophenol	13.186	196	361158	18.277	ng/ul	99
43) 1,1'-Biphenyl	13.522	154	1327361	18.607	ng/ul	99
44) 2-Chloronaphthalene	13.569	162	1045134	18.559	ng/ul	100
45) 2-Nitroaniline	13.798	65	299313	17.525	ng/ul	98
47) Dimethylphthalate	14.145	163	1330171	18.152	ng/ul	100
48) 2,6-Dinitrotoluene	14.286	165	250853	17.470	ng/ul	96
50) Acenaphthylene	14.416	152	1744393	18.632	ng/ul	100
51) 3-Nitroaniline	14.627	138	265133	17.732	ng/ul	99
52) Acenaphthene	14.751	153	1148566	18.544	ng/ul	99
53) 2,4-Dinitrophenol	14.822	184	187528	17.973	ng/ul	97
55) 4-Nitrophenol	14.904	109	184606	16.344	ng/ul	97
56) Dibenzofuran	15.086	168	1573379	18.513	ng/ul	99
57) 2,4-Dinitrotoluene	15.069	165	372505	17.625	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.304	232	298030	17.716	ng/ul	99
59) Diethylphthalate	15.504	149	1334522	17.926	ng/ul	99
61) Fluorene	15.739	166	1308078	18.402	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.727	204	625659	17.927	ng/ul	97
63) 4-Nitroaniline	15.792	138	258290	18.154	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.822	198	212865	15.821	ng/ul	100
67) N-Nitrosodiphenylamine	15.951	169	1093040	18.859	ng/ul	100
68) 4-Bromophenyl-phenylether	16.633	248	361810	18.009	ng/ul	96
69) Hexachlorobenzene	16.716	284	395312	17.573	ng/ul	95
70) Atrazine	16.904	200	393357	18.002	ng/ul	99
71) Pentachlorophenol	17.080	266	293679	17.587	ng/ul	98
72) Phenanthrene	17.498	178	2034815	18.445	ng/ul	100
74) Anthracene	17.592	178	2093299	18.766	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.480	216	525776	18.738	ng/ul	99
76) Pentachlorobenzene	14.980	250	460323	18.358	ng/ul	99
77) Carbazole	17.874	167	1912874	19.041	ng/ul	100
78) Di-n-butylphthalate	18.380	149	2276426	18.162	ng/ul	99
80) Fluoranthene	19.462	202	2368230	18.748	ng/ul	99
82) Pyrene	19.815	202	2479757	19.005	ng/ul	99
83) Butylbenzylphthalate	20.674	149	1050624	18.670	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.474	252	773053	18.890	ng/ul	100
85) Benzo(a)anthracene	21.533	228	2450129	18.578	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.409	149	1556454	18.943	ng/ul	98
87) Chrysene	21.592	228	2235376	18.660	ng/ul	100
89) Di-n-octyl phthalate	22.392	149	2645719	18.171	ng/ul	100
90) Benzo(b)fluoranthene	23.321	252	2215714	17.946	ng/ul	100
91) Benzo(k)fluoranthene	23.374	252	2264801	18.548	ng/ul	99
93) Benzo(a)pyrene	24.009	252	2039919	18.266	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.856	276	2050925	17.972	ng/ul	100
95) Dibenzo(a,h)anthracene	26.886	278	1698871	17.923	ng/ul	99
96) Benzo(g,h,i)perylene	27.715	276	1553682	17.958	ng/ul	99

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

