

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
 Data File : BP016830.D
 Acq On : 29 Aug 2023 13:55
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020709

Quant Time: Aug 29 23:04:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 29 01:12:28 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/30/2023
 Supervised By :mohammad ahmed 08/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	553358	20.000	ng/ul	0.00
20) Naphthalene-d8	10.857	136	2449879	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.681	164	1516278	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	3144212	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	2035261	20.000	ng/ul	0.00
88) Perylene-d12	24.115	264	1971311	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	98653	7.368	ng/uL	0.00
4) Pyridine-d5	3.816	84	738595	18.052	ng/ul	0.00
7) Phenol-d5	7.169	99	878955	17.863	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	567319	18.090	ng/ul	0.00
11) 2-Chlorophenol-d4	7.546	132	697147	18.844	ng/ul	0.00
15) 4-Methylphenol-d8	8.734	113	725890	18.072	ng/ul	0.00
21) Nitrobenzene-d5	9.228	128	349475	18.867	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	378772	19.399	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	704476	19.353	ng/ul	0.00
31) 4-Chloroaniline-d4	11.016	131	1004933	18.002	ng/ul	0.00
46) Dimethylphthalate-d6	14.092	166	2093434	18.308	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	2463772	19.060	ng/ul	0.00
54) 4-Nitrophenol-d4	14.887	143	355286	15.032	ng/ul	0.00
60) Fluorene-d10	15.675	176	1774227	18.425	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	291289	15.556	ng/ul	0.00
73) Anthracene-d10	17.551	188	2605610	18.696	ng/ul	0.00
81) Pyrene-d10	19.780	212	2620017	23.439	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	1835217	18.585	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.422	88	105871	7.261	ng/uL	94
5) Pyridine	3.834	79	765144	18.155	ng/ul	99
6) Benzaldehyde	7.181	77	564078	20.963	ng/ul	99
8) Phenol	7.199	94	922276	17.910	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.463	93	754104	18.142	ng/ul	98
12) 2-Chlorophenol	7.581	128	704856	18.640	ng/ul	98
13) 2-Methylphenol	8.463	108	697018	18.045	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.540	45	1101910m	18.173	ng/ul	
16) Acetophenone	8.875	105	1140478	18.311	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.852	70	605405	18.444	ng/ul	99
18) 4-Methylphenol	8.799	108	757295	18.004	ng/ul	99
19) Hexachloroethane	9.099	117	285751	18.161	ng/ul	97
22) Nitrobenzene	9.269	77	883986	18.602	ng/ul	99
23) Isophorone	9.787	82	1693867	18.353	ng/ul	99
25) 2-Nitrophenol	9.975	139	410368	19.008	ng/ul	99
26) 2,4-Dimethylphenol	10.010	107	807632	18.612	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.269	93	1045385	18.359	ng/ul	99
29) 2,4-Dichlorophenol	10.493	162	699117	19.120	ng/ul	99
30) Naphthalene	10.910	128	2349453	18.513	ng/ul	100
32) 4-Chloroaniline	11.040	127	978542	17.838	ng/ul	99
33) Hexachlorobutadiene	11.140	225	417156	18.521	ng/ul	99
34) Caprolactam	11.863	113	224853	16.675	ng/ul	95
35) 4-Chloro-3-methylphenol	12.134	107	755619	18.428	ng/ul	99
36) 2-Methylnaphthalene	12.510	142	1629690	18.604	ng/ul	100

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37) 1-Methylnaphthalene	12.728	142	1642558	18.595	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.857	216	823043	19.045	ng/ul	99
40) Hexachlorocyclopentadiene	12.810	237	645893	20.323	ng/ul	98
41) 2,4,6-Trichlorophenol	13.110	196	556525	19.284	ng/ul	98
42) 2,4,5-Trichlorophenol	13.175	196	593839	19.016	ng/ul	97
43) 1,1'-Biphenyl	13.516	154	2140674	18.988	ng/ul	99
44) 2-Chloronaphthalene	13.563	162	1680417	18.882	ng/ul	99
45) 2-Nitroaniline	13.792	65	498627	18.475	ng/ul	99
47) Dimethylphthalate	14.139	163	2102942	18.159	ng/ul	100
48) 2,6-Dinitrotoluene	14.287	165	427685	18.847	ng/ul	95
50) Acenaphthylene	14.410	152	2779274	18.785	ng/ul	100
51) 3-Nitroaniline	14.622	138	418396	17.707	ng/ul	97
52) Acenaphthene	14.745	153	1804750	18.438	ng/ul	100
53) 2,4-Dinitrophenol	14.822	184	260535	15.800	ng/ul	98
55) 4-Nitrophenol	14.904	109	266676	14.940	ng/ul	98
56) Dibenzofuran	15.081	168	2469326	18.386	ng/ul	99
57) 2,4-Dinitrotoluene	15.063	165	602845	18.049	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.298	232	482344	18.143	ng/ul	96
59) Diethylphthalate	15.492	149	2115977	17.986	ng/ul	100
61) Fluorene	15.734	166	2051703	18.264	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.722	204	1010194	18.316	ng/ul	100
63) 4-Nitroaniline	15.792	138	369930	16.453	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.816	198	319271	15.815	ng/ul	98
67) N-Nitrosodiphenylamine	15.945	169	1701662	19.568	ng/ul	100
68) 4-Bromophenyl-phenylether	16.628	248	582237	19.314	ng/ul	97
69) Hexachlorobenzene	16.710	284	633806	18.778	ng/ul	99
70) Atrazine	16.904	200	610921	18.634	ng/ul	98
71) Pentachlorophenol	17.069	266	432381	17.257	ng/ul	99
72) Phenanthrene	17.492	178	3073699	18.569	ng/ul	100
74) Anthracene	17.586	178	3094967	18.492	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.469	216	868730	20.635	ng/uL	100
76) Pentachlorobenzene	14.975	250	753905	20.038	ng/uL	98
77) Carbazole	17.869	167	2689187	17.840	ng/ul	99
78) Di-n-butylphthalate	18.375	149	3509522	18.662	ng/ul	100
80) Fluoranthene	19.451	202	3211189	23.915	ng/ul	100
82) Pyrene	19.810	202	3239272	23.354	ng/ul	99
83) Butylbenzylphthalate	20.669	149	1314608	21.977	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.468	252	748193	17.199	ng/ul	99
85) Benzo(a)anthracene	21.527	228	2622713	18.708	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	1859625	21.291	ng/ul	99
87) Chrysene	21.586	228	2390181	18.769	ng/ul	99
89) Di-n-octyl phthalate	22.380	149	2678967	18.046	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	2243799	17.825	ng/ul	100
91) Benzo(k)fluoranthene	23.363	252	2256645	18.126	ng/ul	99
93) Benzo(a)pyrene	23.998	252	2111967	18.548	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.845	276	2530552	21.749	ng/ul	99
95) Dibenzo(a,h)anthracene	26.868	278	2087269	21.599	ng/ul	99
96) Benzo(g,h,i)perylene	27.703	276	2021615	22.918	ng/ul	98

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

