

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080423\
 Data File : BP016501.D
 Acq On : 04 Aug 2023 14:04
 Operator : MA/JU
 Sample : SSTD08015
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD080615

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Aug 04 14:38:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 04 14:29:51 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	410303	20.000	ng/u1	0.00
20) Naphthalene-d8	10.905	136	1560019	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.722	164	830333	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.487	188	1686160	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	1473979	20.000	ng/u1	0.00
88) Perylene-d12	24.180	264	1673689	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	374349	33.374	ng/uL	0.00
4) Pyridine-d5	3.840	84	2426579	81.855	ng/u1	0.00
7) Phenol-d5	7.211	99	2633709	82.273	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	1595414	79.284	ng/u1	0.00
11) 2-Chlorophenol-d4	7.587	132	2181105	85.271	ng/u1	0.00
15) 4-Methylphenol-d8	8.775	113	2019258	82.718	ng/u1	0.00
21) Nitrobenzene-d5	9.269	128	1010284	92.268	ng/u1	0.00
24) 2-Nitrophenol-d4	9.987	143	1034584	104.217	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.510	165	1861364	88.797	ng/u1	0.00
31) 4-Chloroaniline-d4	11.057	131	2586214	80.871	ng/u1	0.00
46) Dimethylphthalate-d6	14.134	166	4710235	82.558	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	5723931	83.515	ng/u1	0.00
54) 4-Nitrophenol-d4	14.922	143	959023	93.380	ng/u1	0.01
60) Fluorene-d10	15.716	176	3968237	80.608	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.840	200	714757	110.729	ng/u1	0.01
73) Anthracene-d10	17.587	188	5903573	81.377	ng/u1	0.00
81) Pyrene-d10	19.816	212	6601153	82.112	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.010	264	6923201	88.142	ng/u1	0.01
Target Compounds						
2) 1,4-Dioxane	3.446	88	403018	33.579	ng/uL	95
5) Pyridine	3.864	79	2478914	81.006	ng/u1	99
6) Benzaldehyde	7.222	77	1061740	52.932	ng/u1	98
8) Phenol	7.240	94	2714909	80.384	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.505	93	2257202	80.035	ng/u1	98
12) 2-Chlorophenol	7.622	128	2196652	81.931	ng/u1	98
13) 2-Methylphenol	8.505	108	2027210	82.831	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.587	45	2666232m	78.497	ng/u1	
16) Acetophenone	8.922	105	3046425	77.181	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.899	70	1452083	80.598	ng/u1	98
18) 4-Methylphenol	8.846	108	2122146	81.585	ng/u1	99
19) Hexachloroethane	9.146	117	928574	81.320	ng/u1	97
22) Nitrobenzene	9.311	77	2338200	82.777	ng/u1	96
23) Isophorone	9.834	82	4209296	86.562	ng/u1	99
25) 2-Nitrophenol	10.016	139	1130210	96.106	ng/u1	100
26) 2,4-Dimethylphenol	10.052	107	2137623	81.392	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.316	93	2707944	80.854	ng/u1	99
29) 2,4-Dichlorophenol	10.540	162	1832148	84.403	ng/u1	98
30) Naphthalene	10.958	128	6328462	77.872	ng/u1	100
32) 4-Chloroaniline	11.081	127	2527474	79.258	ng/u1	100
33) Hexachlorobutadiene	11.193	225	1185525	80.763	ng/u1	98
34) Caprolactam	11.905	113	584780m	97.276	ng/u1	
35) 4-Chloro-3-methylphenol	12.175	107	1890298	89.577	ng/u1	98
36) 2-Methylnaphthalene	12.552	142	4091402	80.001	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.775	142	4083927	80.121	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.899	216	2099501	79.846	ng/ul	98
40) Hexachlorocyclopentadiene	12.857	237	1358139	91.161	ng/ul	99
41) 2,4,6-Trichlorophenol	13.152	196	1351434	92.763	ng/ul	100
42) 2,4,5-Trichlorophenol	13.216	196	1445644	91.010	ng/ul	100
43) 1,1'-Biphenyl	13.557	154	5019763	77.779	ng/ul	99
44) 2-Chloronaphthalene	13.604	162	3995818	77.822	ng/ul	99
45) 2-Nitroaniline	13.828	65	1120047	97.266	ng/ul	97
47) Dimethylphthalate	14.181	163	4681665	80.663	ng/ul	99
48) 2,6-Dinitrotoluene	14.322	165	998120	103.311	ng/ul	91
50) Acenaphthylene	14.451	152	6342127	78.701	ng/ul	99
51) 3-Nitroaniline	14.657	138	910887	80.063	ng/ul	100
52) Acenaphthene	14.787	153	4137033	77.960	ng/ul	99
53) 2,4-Dinitrophenol	14.851	184	489869	131.512	ng/ul	97
55) 4-Nitrophenol	14.940	109	686282	86.682	ng/ul	97
56) Dibenzofuran	15.122	168	5514686	76.322	ng/ul	100
57) 2,4-Dinitrotoluene	15.098	165	1387843	101.394	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.334	232	1145077	93.897	ng/ul	98
59) Diethylphthalate	15.540	149	4593992	82.960	ng/ul	99
61) Fluorene	15.775	166	4292241	74.877	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.763	204	2138908	76.022	ng/ul	96
63) 4-Nitroaniline	15.828	138	764344	73.101	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.851	198	788721	105.632	ng/ul#	93
67) N-Nitrosodiphenylamine	15.987	169	3745793	78.923	ng/ul	100
68) 4-Bromophenyl-phenylether	16.663	248	1387685	84.912	ng/ul	99
69) Hexachlorobenzene	16.745	284	1578112	81.714	ng/ul	97
70) Atrazine	16.940	200	1383199	86.083	ng/ul	99
71) Pentachlorophenol	17.110	266	1026502	98.157	ng/ul	99
72) Phenanthrene	17.534	178	6847799	77.371	ng/ul	100
74) Anthracene	17.622	178	6883807	77.395	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.510	216	2169848	80.834	ng/ul	99
76) Pentachlorobenzene	15.016	250	1809892	79.156	ng/ul	99
77) Carbazole	17.898	167	6372459	79.875	ng/ul	100
78) Di-n-butylphthalate	18.416	149	7645318	87.771	ng/ul	99
80) Fluoranthene	19.486	202	7784360	80.968	ng/ul	98
82) Pyrene	19.845	202	7879334	76.738	ng/ul	100
83) Butylbenzylphthalate	20.704	149	3454788	96.069	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.504	252	2648668	84.395	ng/ul	99
85) Benzo(a)anthracene	21.569	228	7869908	80.670	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.451	149	4966778	96.619	ng/ul#	97
87) Chrysene	21.628	228	7242720	78.305	ng/ul	97
89) Di-n-octyl phthalate	22.445	149	8562770	91.217	ng/ul	100
90) Benzo(b)fluoranthene	23.374	252	8187434	83.652	ng/ul	99
91) Benzo(k)fluoranthene	23.427	252	8195449	83.099	ng/ul	99
93) Benzo(a)pyrene	24.069	252	7826274	84.487	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.957	276	9841158	86.419	ng/ul	98
95) Dibenzo(a,h)anthracene	26.986	278	8121817	85.182	ng/ul	99
96) Benzo(g,h,i)perylene	27.827	276	7944971	86.362	ng/ul	99

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

