

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122723\
 Data File : BP019112.D
 Acq On : 27 Dec 2023 13:07
 Operator : MA/JU
 Sample : SSTD01071
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD010638

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :Sohil Jodhani 12/28/2023

Quant Time: Dec 28 02:57:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 28 02:21:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	150070	20.000	ng/u1	0.00
20) Naphthalene-d8	10.604	136	570215	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	351729	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	818237	20.000	ng/u1	0.00
79) Chrysene-d12	21.316	240	946570	20.000	ng/u1	0.00
88) Perylene-d12	23.686	264	1135365	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	17097m	3.908	ng/uL	0.00
4) Pyridine-d5	3.658	84	110030	9.977	ng/u1	0.00
7) Phenol-d5	6.987	99	125395	9.318	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	76650	9.845	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	99461	9.167	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	95796	9.143	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	43016	8.727	ng/u1	0.00
24) 2-Nitrophenol-d4	9.693	143	45630	8.566	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	96296	8.952	ng/u1	0.00
31) 4-Chloroaniline-d4	10.752	131	130475	9.861	ng/u1	0.00
46) Dimethylphthalate-d6	13.869	166	287856	9.265	ng/u1	0.00
49) Acenaphthylene-d8	14.145	160	312634	9.274	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	45252	8.626	ng/u1	0.00
60) Fluorene-d10	15.451	176	253129	9.431	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	41142	7.670	ng/u1	0.00
73) Anthracene-d10	17.310	188	406046	9.502	ng/u1	0.00
81) Pyrene-d10	19.557	212	528341	9.159	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.527	264	602365	9.230	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.270	88	18849	3.902	ng/uL	99
5) Pyridine	3.675	79	113846	10.169	ng/u1	92
6) Benzaldehyde	6.952	77	73546	11.770	ng/u1	98
8) Phenol	7.011	94	128165	9.642	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.240	93	105895	9.846	ng/u1	98
12) 2-Chlorophenol	7.369	128	102198	9.203	ng/u1	97
13) 2-Methylphenol	8.263	108	90519	9.205	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.334	45	127432	10.044	ng/u1	97
16) Acetophenone	8.640	105	152459	9.716	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.622	70	70811	9.049	ng/u1	97
18) 4-Methylphenol	8.593	108	98999	9.353	ng/u1	98
19) Hexachloroethane	8.881	117	42612	9.149	ng/u1	93
22) Nitrobenzene	9.016	77	111725	9.278	ng/u1	97
23) Isophorone	9.540	82	194773	8.969	ng/u1	98
25) 2-Nitrophenol	9.722	139	49620	8.724	ng/u1	98
26) 2,4-Dimethylphenol	9.793	107	92127	9.200	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.028	93	133632	9.310	ng/u1	98
29) 2,4-Dichlorophenol	10.257	162	96284	9.159	ng/u1	99
30) Naphthalene	10.657	128	326704	9.503	ng/u1	99
32) 4-Chloroaniline	10.775	127	127127	10.013	ng/u1	98
33) Hexachlorobutadiene	10.940	225	75078	9.280	ng/u1	99
34) Caprolactam	11.563	113	22656m	8.235	ng/u1	
35) 4-Chloro-3-methylphenol	11.904	107	93134	9.025	ng/u1	97
36) 2-Methylnaphthalene	12.269	142	212807	9.181	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.493	142	213503	9.134	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.640	216	131887	9.104	ng/ul	97
40) Hexachlorocyclopentadiene	12.616	237	69854	8.688	ng/ul	97
41) 2,4,6-Trichlorophenol	12.887	196	76824	8.886	ng/ul	99
42) 2,4,5-Trichlorophenol	12.957	196	82470	8.987	ng/ul	95
43) 1,1'-Biphenyl	13.287	154	288470	9.402	ng/ul	99
44) 2-Chloronaphthalene	13.328	162	230094	9.346	ng/ul	99
45) 2-Nitroaniline	13.540	65	50666	8.572	ng/ul	93
47) Dimethylphthalate	13.916	163	287615	9.379	ng/ul	98
48) 2,6-Dinitrotoluene	14.040	165	48735	8.648	ng/ul	98
50) Acenaphthylene	14.175	152	357215	9.418	ng/ul	99
51) 3-Nitroaniline	14.375	138	48740	8.847	ng/ul	99
52) Acenaphthene	14.516	153	246112	9.574	ng/ul	99
53) 2,4-Dinitrophenol	14.581	184	25336	6.979	ng/ul	94
55) 4-Nitrophenol	14.681	109	37616	8.972	ng/ul	96
56) Dibenzofuran	14.857	168	350071	9.536	ng/ul	99
57) 2,4-Dinitrotoluene	14.828	165	72069	8.696	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.087	232	72173	9.002	ng/ul	99
59) Diethylphthalate	15.287	149	278113	9.353	ng/ul	99
61) Fluorene	15.504	166	282892	9.628	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.504	204	153329	9.556	ng/ul	99
63) 4-Nitroaniline	15.534	138	51324	9.510	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.592	198	45778	8.060	ng/ul#	96
67) N-Nitrosodiphenylamine	15.722	169	237802	9.523	ng/ul	99
68) 4-Bromophenyl-phenylether	16.398	248	94259	9.268	ng/ul	99
69) Hexachlorobenzene	16.510	284	114133	9.183	ng/ul	98
70) Atrazine	16.681	200	84096	11.933	ng/ul	96
71) Pentachlorophenol	16.863	266	58707	8.045	ng/ul	98
72) Phenanthrene	17.251	178	473202	9.543	ng/ul	99
74) Anthracene	17.345	178	472899	9.580	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.251	216	131466	9.241	ng/uL	98
76) Pentachlorobenzene	14.769	250	132002	9.337	ng/uL	98
77) Carbazole	17.622	167	423613	10.316	ng/ul	99
78) Di-n-butylphthalate	18.181	149	470593	9.241	ng/ul	100
80) Fluoranthene	19.228	202	612025	9.245	ng/ul	98
82) Pyrene	19.586	202	648201	9.346	ng/ul	99
83) Butylbenzylphthalate	20.469	149	214973	8.677	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.239	252	225238	9.512	ng/ul	99
85) Benzo(a)anthracene	21.298	228	712281	9.524	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	327127	8.967	ng/ul	99
87) Chrysene	21.351	228	663211	9.510	ng/ul	100
89) Di-n-octyl phthalate	22.145	149	567712	8.744	ng/ul	100
90) Benzo(b)fluoranthene	22.963	252	747562	9.374	ng/ul	99
91) Benzo(k)fluoranthene	23.010	252	728820	9.300	ng/ul	99
93) Benzo(a)pyrene	23.580	252	699718	9.322	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.139	276	898738	9.340	ng/ul	98
95) Dibenzo(a,h)anthracene	26.157	278	751433	9.388	ng/ul	99
96) Benzo(g,h,i)perylene	26.898	276	711004	9.221	ng/ul	99

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

