

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050323\
 Data File : BP014926.D
 Acq On : 03 May 2023 11:19
 Operator : CG/JU
 Sample : SSTD00565
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD005604

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/04/2023
 Supervised By :Jagrut Upadhyay 05/04/2023

Quant Time: May 03 23:09:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 03 14:42:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	237521	20.000	ng/u1	0.00
20) Naphthalene-d8	10.999	136	1010829	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.810	164	590965	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.569	188	1108018	20.000	ng/u1	0.00
79) Chrysene-d12	21.651	240	678716	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	632443	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	12001	1.879	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/u1	
11) 2-Chlorophenol-d4	7.687	132	60372	3.987	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	9.340	128	25866	3.598	ng/u1	0.00
24) 2-Nitrophenol-d4	10.069	143	23170	3.139	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.610	165	54525	3.762	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	14.210	166	181096	4.330	ng/u1	0.00
49) Acenaphthylene-d8	14.504	160	207783	4.142	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.804	176	157356	4.373	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.663	188	206751	4.153	ng/u1	0.00
81) Pyrene-d10	19.886	212	207056	4.523	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.074	264	122623	3.979	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.499	88	13239	1.913	ng/uL#	96
12) 2-Chlorophenol	7.722	128	67289	4.102	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.975	70	55241	4.177	ng/u1	98
19) Hexachloroethane	9.263	117	32143	4.517	ng/u1	96
22) Nitrobenzene	9.381	77	74917	3.966	ng/u1	99
23) Isophorone	9.910	82	153471	4.111	ng/u1	97
25) 2-Nitrophenol	10.105	139	28321	3.336	ng/u1	98
26) 2,4-Dimethylphenol	10.152	107	75094	4.076	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.393	93	103388	4.332	ng/u1	98
29) 2,4-Dichlorophenol	10.640	162	58758	3.919	ng/u1	96
30) Naphthalene	11.052	128	251369	4.524	ng/u1	99
33) Hexachlorobutadiene	11.334	225	44865	4.638	ng/u1	95
35) 4-Chloro-3-methylphenol	12.263	107	55374	3.593	ng/u1	98
36) 2-Methylnaphthalene	12.651	142	146186	4.254	ng/u1	99
37) 1-Methylnaphthalene	12.863	142	158936	4.487	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	13.010	216	82290	4.464	ng/u1	97
41) 2,4,6-Trichlorophenol	13.246	196	43172	3.801	ng/u1	98
42) 2,4,5-Trichlorophenol	13.316	196	46139	3.769	ng/u1	99
43) 1,1'-Biphenyl	13.646	154	212020	4.488	ng/u1	99
44) 2-Chloronaphthalene	13.693	162	163263	4.436	ng/u1	99
45) 2-Nitroaniline	13.887	65	26094m	3.077	ng/u1	
47) Dimethylphthalate	14.257	163	194075	4.413	ng/u1	99
48) 2,6-Dinitrotoluene	14.375	165	23892	3.074	ng/u1#	85
50) Acenaphthylene	14.534	152	246393	4.333	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.875	153	178966	4.548	ng/ul	99
56) Dibenzofuran	15.210	168	237052	4.464	ng/ul	99
57) 2,4-Dinitrotoluene	15.163	165	32972	3.029	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.428	232	37193	3.733	ng/ul	97
59) Diethylphthalate	15.616	149	172258	4.145	ng/ul	98
61) Fluorene	15.857	166	190864	4.557	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.845	204	93860	4.579	ng/ul	99
67) N-Nitrosodiphenylamine	16.063	169	142047	4.224	ng/ul	100
68) 4-Bromophenyl-phenylether	16.745	248	48249	4.186	ng/ul	97
69) Hexachlorobenzene	16.863	284	62852	4.629	ng/ul	99
72) Phenanthrene	17.610	178	279611	4.568	ng/ul	99
74) Anthracene	17.698	178	263671	4.326	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.610	216	85603	4.667	ng/uL	97
76) Pentachlorobenzene	15.128	250	81781	4.687	ng/uL	99
78) Di-n-butylphthalate	18.498	149	203644	3.553	ng/ul#	98
80) Fluoranthene	19.563	202	245045	4.363	ng/ul	97
82) Pyrene	19.910	202	278154	4.674	ng/ul	97
83) Butylbenzylphthalate	20.769	149	59878	3.351	ng/ul	95
85) Benzo(a)anthracene	21.633	228	193975	4.282	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.533	149	68300	3.038	ng/ul	100
87) Chrysene	21.686	228	211373	4.634	ng/ul	99
90) Benzo(b)fluoranthene	23.445	252	170574	4.173	ng/ul	98
91) Benzo(k)fluoranthene	23.498	252	167313	4.022	ng/ul	99
93) Benzo(a)pyrene	24.133	252	144706	4.037	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.004	276	176388m	4.049	ng/ul	
95) Dibenzo(a,h)anthracene	27.027	278	140378m	3.954	ng/ul	
96) Benzo(g,h,i)perylene	27.851	276	161285	4.334	ng/ul	97

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

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