

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030723\
 Data File : BP013966.D
 Acq On : 07 Mar 2023 17:37
 Operator : CG/JU
 Sample : SSTD08039
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD080621

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/08/2023
 Supervised By :Jagrut Upadhyay 03/08/2023

Quant Time: Mar 08 00:45:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 08 00:39:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	120064	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	492407	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	369675	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.480	188	859629	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	974332	20.000	ng/u1	0.00
88) Perylene-d12	24.110	264	1103719	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	99060	34.197	ng/uL	0.00
4) Pyridine-d5	3.869	84	735661	85.662	ng/u1	0.00
7) Phenol-d5	7.240	99	894271	83.596	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	509997	81.357	ng/u1	0.00
11) 2-Chlorophenol-d4	7.616	132	684161	86.880	ng/u1	0.00
15) 4-Methylphenol-d8	8.804	113	702959	80.396	ng/u1	0.01
21) Nitrobenzene-d5	9.263	128	341848	99.779	ng/u1	0.00
24) 2-Nitrophenol-d4	9.993	143	403209	101.930	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	752364	93.331	ng/u1	0.01
31) 4-Chloroaniline-d4	11.051	131	958598	83.892	ng/u1	0.00
46) Dimethylphthalate-d6	14.134	166	2401685	82.485	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	2621982	83.190	ng/u1	0.00
54) 4-Nitrophenol-d4	14.934	143	440878	84.994	ng/u1	0.02
60) Fluorene-d10	15.722	176	2037479	82.155	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.845	200	541340	102.648	ng/u1	0.01
73) Anthracene-d10	17.586	188	3320280	84.470	ng/u1	0.00
81) Pyrene-d10	19.804	212	4249479	76.909	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.951	264	4777570	86.388	ng/u1	0.01
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.475	88	107888	34.694	ng/uL	93
5) Pyridine	3.887	79	750578	88.438	ng/u1	97
6) Benzaldehyde	7.222	77	369509	76.596	ng/u1	98
8) Phenol	7.269	94	919197	83.707	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.505	93	691111	78.541	ng/u1	98
12) 2-Chlorophenol	7.646	128	690765	85.491	ng/u1	99
13) 2-Methylphenol	8.528	108	657438	78.437	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.616	45	699179	69.854	ng/u1	97
16) Acetophenone	8.922	105	1094211	78.035	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.922	70	559923	80.409	ng/u1	96
18) 4-Methylphenol	8.875	108	716270	77.402	ng/u1	98
19) Hexachloroethane	9.175	117	288567	87.215	ng/u1	96
22) Nitrobenzene	9.310	77	886271	98.327	ng/u1	98
23) Isophorone	9.846	82	1626116	85.510	ng/u1	99
25) 2-Nitrophenol	10.022	139	408161	95.199	ng/u1	98
26) 2,4-Dimethylphenol	10.075	107	865281	90.643	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.316	93	937024	81.594	ng/u1	100
29) 2,4-Dichlorophenol	10.557	162	731737	92.204	ng/u1	99
30) Naphthalene	10.963	128	2172657	82.886	ng/u1	99
32) 4-Chloroaniline	11.081	127	957352	83.108	ng/u1	98
33) Hexachlorobutadiene	11.240	225	590395	105.609	ng/u1	98
34) Caprolactam	11.887	113	229807m	82.523	ng/u1	
35) 4-Chloro-3-methylphenol	12.193	107	859149	93.771	ng/u1	98
36) 2-Methylnaphthalene	12.563	142	1548216	84.008	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.781	142	1535649	80.646	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.928	216	1035339	88.875	ng/u1	98
40) Hexachlorocyclopentadiene	12.904	237	781713	104.507	ng/u1	98
41) 2,4,6-Trichlorophenol	13.163	196	692881	90.638	ng/u1	98
42) 2,4,5-Trichlorophenol	13.240	196	749106	90.530	ng/u1	99
43) 1,1'-Biphenyl	13.563	154	2179827	78.585	ng/u1	99
44) 2-Chloronaphthalene	13.610	162	1768607	81.049	ng/u1	99
45) 2-Nitroaniline	13.816	65	567962	108.061	ng/u1	96
47) Dimethylphthalate	14.181	163	2375091	82.245	ng/u1	100
48) 2,6-Dinitrotoluene	14.310	165	519068	102.877	ng/u1	97
50) Acenaphthylene	14.451	152	2737853	80.522	ng/u1	100
51) 3-Nitroaniline	14.639	138	425594	85.317	ng/u1	100
52) Acenaphthene	14.792	153	1894934	79.625	ng/u1	99
53) 2,4-Dinitrophenol	14.845	184	398138	110.656	ng/u1	98
55) 4-Nitrophenol	14.951	109	472223	103.751	ng/u1	96
56) Dibenzofuran	15.128	168	2722160	79.784	ng/u1	98
57) 2,4-Dinitrotoluene	15.092	165	755587	100.448	ng/u1	97
58) 2,3,4,6-Tetrachlorophenol	15.351	232	722443	92.629	ng/u1	98
59) Diethylphthalate	15.545	149	2431446	83.846	ng/u1	100
61) Fluorene	15.781	166	2224089	79.903	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.763	204	1223645	84.547	ng/u1	98
63) 4-Nitroaniline	15.810	138	420386	88.994	ng/u1	95
66) 4,6-Dinitro-2-methylph...	15.863	198	515269	99.660	ng/u1	98
67) N-Nitrosodiphenylamine	15.981	169	1916433	82.020	ng/u1	99
68) 4-Bromophenyl-phenylether	16.663	248	852212	93.876	ng/u1	95
69) Hexachlorobenzene	16.781	284	993649	93.937	ng/u1	97
70) Atrazine	16.939	200	842130	90.126	ng/u1	99
71) Pentachlorophenol	17.128	266	675284	98.103	ng/u1	99
72) Phenanthrene	17.528	178	3693442	81.194	ng/u1	99
74) Anthracene	17.622	178	3704701	80.948	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.528	216	1083255	94.398	ng/u1	99
76) Pentachlorobenzene	15.045	250	1104807	93.296	ng/u1	99
77) Carbazole	17.886	167	3356742	83.264	ng/u1	99
78) Di-n-butylphthalate	18.410	149	4259691	87.119	ng/u1	99
80) Fluoranthene	19.480	202	4845503	76.604	ng/u1	98
82) Pyrene	19.833	202	4922766	72.996	ng/u1	98
83) Butylbenzylphthalate	20.686	149	2148645	93.092	ng/u1	94
84) 3,3'-Dichlorobenzidine	21.468	252	1963765	89.551	ng/u1	99
85) Benzo(a)anthracene	21.545	228	5424337	81.476	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.439	149	3175080	89.835	ng/u1	100
87) Chrysene	21.604	228	5109763	81.350	ng/u1	100
89) Di-n-octyl phthalate	22.410	149	5518345	72.660	ng/u1	100
90) Benzo(b)fluoranthene	23.327	252	6052533	82.238	ng/u1	99
91) Benzo(k)fluoranthene	23.386	252	5585128	76.493	ng/u1	100
93) Benzo(a)pyrene	24.010	252	5119482	82.073	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.809	276	6476643	92.566	ng/u1	98
95) Dibenzo(a,h)anthracene	26.827	278	5394495	92.300	ng/u1	100
96) Benzo(g,h,i)perylene	27.639	276	5058942	90.817	ng/u1	99

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

