

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050222\
 Data File : BP010183.D
 Acq On : 02 May 2022 21:28
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020784

Quant Time: May 03 08:45:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 03 00:58:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/03/2022
 Supervised By :Yogesh Patel 05/05/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	158875	20.000	ng/u1	0.00
20) Naphthalene-d8	10.728	136	672049	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	406669	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.304	188	732944	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.386	240	611931	20.000	ng/u1	0.00
88) Perylene-d12	23.833	264	591809	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	29350m	8.056	ng/uL	0.00
4) Pyridine-d5	3.775	84	192884	18.819	ng/u1	0.00
7) Phenol-d5	7.087	99	280249	19.393	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.252	67	180845	20.856	ng/u1	0.00
11) 2-Chlorophenol-d4	7.452	132	221741	20.719	ng/u1	0.00
15) 4-Methylphenol-d8	8.634	113	226577	18.924	ng/u1	0.00
21) Nitrobenzene-d5	9.081	128	113724	21.276	ng/u1	0.00
24) 2-Nitrophenol-d4	9.805	143	127642	21.866	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.346	165	230440m	20.277	ng/u1	0.00
31) 4-Chloroaniline-d4	10.863	131	287606m	17.650	ng/u1	0.00
46) Dimethylphthalate-d6	13.963	166	633160	20.015	ng/u1	0.00
49) Acenaphthylene-d8	14.246	160	810675	21.174	ng/u1	0.00
54) 4-Nitrophenol-d4	14.751	143	89344m	15.341	ng/u1	0.00
60) Fluorene-d10	15.545	176	526543	19.350	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	85295	18.404	ng/u1	0.00
73) Anthracene-d10	17.404	188	729787	20.581	ng/u1	0.00
81) Pyrene-d10	19.633	212	761346	21.877	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.674	264	661706	21.327	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	28674	7.574	ng/uL#	22
5) Pyridine	3.793	79	204762	19.219	ng/u1#	43
6) Benzaldehyde	7.058	77	171182	22.166	ng/u1	97
8) Phenol	7.111	94	284459	19.590	ng/u1#	94
10) Bis(2-Chloroethyl)ether	7.340	93	233556	20.877	ng/u1#	79
12) 2-Chlorophenol	7.487	128	221335	20.503	ng/u1	94
13) 2-Methylphenol	8.363	108	215234	19.328	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.452	45	355546	21.419	ng/u1#	84
16) Acetophenone	8.746	105	361718	19.363	ng/u1#	80
17) N-Nitroso-di-n-propyla...	8.734	70	193250	19.745	ng/u1#	75
18) 4-Methylphenol	8.693	108	234382	19.116	ng/u1	90
19) Hexachloroethane	9.005	117	95980	21.159	ng/u1#	82
22) Nitrobenzene	9.122	77	278465	21.264	ng/u1#	86
23) Isophorone	9.652	82	520412	20.119	ng/u1#	97
25) 2-Nitrophenol	9.840	139	133417	21.579	ng/u1#	81
26) 2,4-Dimethylphenol	9.899	107	272284	20.342	ng/u1#	79
27) Bis(2-Chloroethoxy)met...	10.134	93	318910	21.035	ng/u1#	97
29) 2,4-Dichlorophenol	10.375	162	223237	20.435	ng/u1#	82
30) Naphthalene	10.775	128	741901	21.092	ng/u1	96
32) 4-Chloroaniline	10.887	127	282791	17.611	ng/u1	95
33) Hexachlorobutadiene	11.069	225	165020	21.314	ng/u1	95
34) Caprolactam	11.652	113	61997m	15.777	ng/u1	
35) 4-Chloro-3-methylphenol	12.010	107	240084m	18.193	ng/u1	
36) 2-Methylnaphthalene	12.381	142	506186	19.842	ng/u1	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.604	142	507441	19.590	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.751	216	290302	23.106	ng/ul#	91
40) Hexachlorocyclopentadiene	12.734	237	157054	22.181	ng/ul	95
41) 2,4,6-Trichlorophenol	12.993	196	175121	21.542	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.063	196	191970m	21.704	ng/ul	
43) 1,1'-Biphenyl	13.387	154	672609	22.425	ng/ul	92
44) 2-Chloronaphthalene	13.434	162	518591	22.342	ng/ul	94
45) 2-Nitroaniline	13.634	65	147123	19.547	ng/ul#	83
47) Dimethylphthalate	14.010	163	611379	19.886	ng/ul#	92
48) 2,6-Dinitrotoluene	14.128	165	123224	19.530	ng/ul	93
50) Acenaphthylene	14.275	152	807118	21.282	ng/ul	95
51) 3-Nitroaniline	14.457	138	71987	12.595	ng/ul#	82
52) Acenaphthene	14.616	153	515810	20.917	ng/ul	98
53) 2,4-Dinitrophenol	14.663	184	50123	14.217	ng/ul#	79
55) 4-Nitrophenol	14.763	109	72642	14.357	ng/ul#	40
56) Dibenzofuran	14.951	168	737661	20.201	ng/ul	99
57) 2,4-Dinitrotoluene	14.916	165	162564	17.637	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.181	232	144158	18.336	ng/ul#	86
59) Diethylphthalate	15.375	149	591877	18.927	ng/ul	95
61) Fluorene	15.604	166	582586	19.432	ng/ul	89
62) 4-Chlorophenyl-phenyle...	15.598	204	307796	19.508	ng/ul	99
63) 4-Nitroaniline	15.616	138	67071m	12.060	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.681	198	82834	18.525	ng/ul#	91
67) N-Nitrosodiphenylamine	15.810	169	489096	23.257	ng/ul	94
68) 4-Bromophenyl-phenylether	16.492	248	177506	22.705	ng/ul	95
69) Hexachlorobenzene	16.616	284	197953	21.814	ng/ul#	91
70) Atrazine	16.763	200	170704	19.966	ng/ul	90
71) Pentachlorophenol	16.957	266	100005	17.305	ng/ul#	86
72) Phenanthrene	17.351	178	817999	20.533	ng/ul	99
74) Anthracene	17.439	178	829535	20.673	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.357	216	295712	27.636	ng/uL#	85
76) Pentachlorobenzene	14.875	250	261876	24.958	ng/uL	91
77) Carbazole	17.710	167	672274	18.933	ng/ul#	96
78) Di-n-butylphthalate	18.257	149	873811	20.003	ng/ul#	93
80) Fluoranthene	19.310	202	887513	22.610	ng/ul	97
82) Pyrene	19.663	202	894995	22.131	ng/ul	96
83) Butylbenzylphthalate	20.533	149	357210	21.369	ng/ul#	79
84) 3,3'-Dichlorobenzidine	21.304	252	210978	19.161	ng/ul#	97
85) Benzo(a)anthracene	21.375	228	815759	21.006	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.298	149	513724	20.735	ng/ul#	82
87) Chrysene	21.427	228	819689	21.436	ng/ul	99
89) Di-n-octyl phthalate	22.233	149	867333	18.852	ng/ul	100
90) Benzo(b)fluoranthene	23.086	252	819738	20.604	ng/ul	100
91) Benzo(k)fluoranthene	23.133	252	796285	21.129	ng/ul#	98
93) Benzo(a)pyrene	23.727	252	791357	21.509	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.386	276	891941	24.370	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.404	278	755127	24.112	ng/ul#	95
96) Benzo(g,h,i)perylene	27.168	276	771342	24.977	ng/ul#	91

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

