

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081021\
 Data File : BP006648.D
 Acq On : 11 Aug 2021 06:23
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020677

Manual Integrations
 APPROVED

mohammad
 8/11/2021 9:29:24 PM

Quant Time: Aug 11 07:08:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 11 02:03:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	195947	20.000	ng/u1	0.00
20) Naphthalene-d8	10.504	136	851193	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	482993	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.110	188	942862	20.000	ng/u1	0.00
79) Chrysene-d12	21.216	240	916263	20.000	ng/u1	0.00
88) Perylene-d12	23.527	264	947695	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	48523	8.376	ng/uL	0.00
4) Pyridine-d5	3.634	84	355120	21.324	ng/u1	0.00
7) Phenol-d5	6.899	99	411769	20.904	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	257279	21.252	ng/u1	0.00
11) 2-Chlorophenol-d4	7.252	132	320006	21.812	ng/u1	0.00
15) 4-Methylphenol-d8	8.434	113	328450	20.871	ng/u1	0.00
21) Nitrobenzene-d5	8.875	128	159899	22.130	ng/u1	0.00
24) 2-Nitrophenol-d4	9.593	143	166073	21.966	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	282692	22.131	ng/u1	0.00
31) 4-Chloroaniline-d4	10.646	131	442910	21.333	ng/u1	0.00
46) Dimethylphthalate-d6	13.781	166	802758	21.673	ng/u1	0.00
49) Acenaphthylene-d8	14.045	160	995570	21.913	ng/u1	0.00
54) 4-Nitrophenol-d4	14.575	143	167182	21.608	ng/u1	0.00
60) Fluorene-d10	15.351	176	666885	22.137	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.486	200	114458	18.365	ng/u1	0.00
73) Anthracene-d10	17.210	188	1003224	22.488	ng/u1	0.00
81) Pyrene-d10	19.457	212	1080544	22.457	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.380	264	1137700	22.262	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	52463	8.913	ng/uL	97
5) Pyridine	3.658	79	361594	20.974	ng/u1	98
6) Benzaldehyde	6.869	77	191017	19.722	ng/u1	99
8) Phenol	6.928	94	426604	21.205	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.157	93	336800	21.721	ng/u1	100
12) 2-Chlorophenol	7.287	128	329009	22.240	ng/u1	97
13) 2-Methylphenol	8.169	108	313660	21.191	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.246	45	395958	21.855	ng/u1	99
16) Acetophenone	8.546	105	516404	20.845	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.534	70	280816	21.074	ng/u1	100
18) 4-Methylphenol	8.499	108	341069	21.195	ng/u1	97
19) Hexachloroethane	8.787	117	146951	22.827	ng/u1	99
22) Nitrobenzene	8.916	77	440066	23.264	ng/u1	99
23) Isophorone	9.446	82	788013	22.339	ng/u1	100
25) 2-Nitrophenol	9.622	139	181184	22.721	ng/u1	98
26) 2,4-Dimethylphenol	9.693	107	384637	22.453	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.934	93	459083	22.451	ng/u1	99
29) 2,4-Dichlorophenol	10.157	162	277560	22.397	ng/u1	99
30) Naphthalene	10.551	128	1066921	23.096	ng/u1	99
32) 4-Chloroaniline	10.669	127	431334	21.172	ng/u1	99
33) Hexachlorobutadiene	10.834	225	169413	23.186	ng/u1	98
34) Caprolactam	11.463	113	105633m	21.291	ng/u1	
35) 4-Chloro-3-methylphenol	11.804	107	358301	22.602	ng/u1	99
36) 2-Methylnaphthalene	12.169	142	692833	21.825	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.387	142	670382	21.221	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.540	216	300722	23.104	ng/ul	97
40) Hexachlorocyclopentadiene	12.516	237	150662	17.643	ng/ul	98
41) 2,4,6-Trichlorophenol	12.787	196	206533	23.105	ng/ul	100
42) 2,4,5-Trichlorophenol	12.857	196	221204	23.243	ng/ul	98
43) 1,1'-Biphenyl	13.192	154	855091	22.773	ng/ul	98
44) 2-Chloronaphthalene	13.228	162	667931	23.447	ng/ul	100
45) 2-Nitroaniline	13.445	65	237964	23.165	ng/ul	99
47) Dimethylphthalate	13.828	163	839515	22.915	ng/ul	99
48) 2,6-Dinitrotoluene	13.945	165	166869	23.598	ng/ul	92
50) Acenaphthylene	14.075	152	1036535	23.338	ng/ul	100
51) 3-Nitroaniline	14.275	138	183204	22.623	ng/ul	100
52) Acenaphthene	14.422	153	730628	23.071	ng/ul	99
53) 2,4-Dinitrophenol	14.481	184	78832	17.236	ng/ul	92
55) 4-Nitrophenol	14.592	109	161769	23.316	ng/ul	92
56) Dibenzofuran	14.757	168	962631	22.734	ng/ul	97
57) 2,4-Dinitrotoluene	14.734	165	245833	23.631	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.986	232	182492	23.099	ng/ul	96
59) Diethylphthalate	15.198	149	889120	22.832	ng/ul	99
61) Fluorene	15.410	166	804642	22.790	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.410	204	364288	22.792	ng/ul	99
63) 4-Nitroaniline	15.439	138	195566	25.790	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.498	198	126273	20.268	ng/ul	99
67) N-Nitrosodiphenylamine	15.628	169	656103	22.654	ng/ul	99
68) 4-Bromophenyl-phenylether	16.304	248	212178	22.817	ng/ul	96
69) Hexachlorobenzene	16.410	284	244953	23.309	ng/ul	96
70) Atrazine	16.592	200	233547	22.732	ng/ul	98
71) Pentachlorophenol	16.763	266	151135	21.956	ng/ul	99
72) Phenanthrene	17.157	178	1235552	23.196	ng/ul	100
74) Anthracene	17.245	178	1268724	23.456	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.151	216	293292	22.876	ng/uL	99
76) Pentachlorobenzene	14.675	250	285862	22.630	ng/uL	99
77) Carbazole	17.522	167	1138596	22.538	ng/ul	99
78) Di-n-butylphthalate	18.092	149	1515069	23.194	ng/ul	100
80) Fluoranthene	19.133	202	1408326	23.287	ng/ul	98
82) Pyrene	19.486	202	1452306	23.250	ng/ul	99
83) Butylbenzylphthalate	20.374	149	723521	23.429	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.139	252	334182	15.983	ng/ul	98
85) Benzo(a)anthracene	21.198	228	1379791	23.120	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.139	149	1091747	22.942	ng/ul	100
87) Chrysene	21.251	228	1324415	23.017	ng/ul	99
89) Di-n-octyl phthalate	22.039	149	1877106	22.914	ng/ul	100
90) Benzo(b)fluoranthene	22.827	252	1452951	23.601	ng/ul	99
91) Benzo(k)fluoranthene	22.874	252	1339086	22.467	ng/ul	98
93) Benzo(a)pyrene	23.427	252	1299443	23.300	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.921	276	1664149	22.821	ng/ul	99
95) Dibenzo(a,h)anthracene	25.939	278	1403763	22.918	ng/ul	99
96) Benzo(g,h,i)perylene	26.656	276	1387905	22.923	ng/ul	99

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

