

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081621\
 Data File : BP006678.D
 Acq On : 16 Aug 2021 09:53
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020684

Manual Integrations
 APPROVED

mohammad
 8/17/2021 1:21:23 PM

Quant Time: Aug 16 11:02:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 16 11:01:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	172285	20.000	ng/u1	0.00
20) Naphthalene-d8	10.493	136	752359	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.345	164	432311	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.104	188	846617	20.000	ng/u1	0.00
79) Chrysene-d12	21.210	240	854606	20.000	ng/u1	0.00
88) Perylene-d12	23.527	264	883545	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	44846	8.804	ng/uL	0.00
4) Pyridine-d5	3.623	84	315436	21.542	ng/u1	0.00
7) Phenol-d5	6.887	99	351923	20.319	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.052	67	226811	21.309	ng/u1	0.00
11) 2-Chlorophenol-d4	7.240	132	276135	21.407	ng/u1	0.00
15) 4-Methylphenol-d8	8.422	113	278196	20.106	ng/u1	0.00
21) Nitrobenzene-d5	8.863	128	139282	21.809	ng/u1	0.00
24) 2-Nitrophenol-d4	9.581	143	141299	21.144	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	246394	21.823	ng/u1	0.00
31) 4-Chloroaniline-d4	10.640	131	387858	21.135	ng/u1	0.00
46) Dimethylphthalate-d6	13.769	166	729733	22.011	ng/u1	0.00
49) Acenaphthylene-d8	14.040	160	882371	21.698	ng/u1	0.00
54) 4-Nitrophenol-d4	14.569	143	141199	20.389	ng/u1	0.00
60) Fluorene-d10	15.345	176	600538	22.272	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	107030	19.126	ng/u1	0.00
73) Anthracene-d10	17.204	188	904010	22.568	ng/u1	0.00
81) Pyrene-d10	19.451	212	980962	21.858	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.374	264	1076996	22.604	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	47462	9.171	ng/uL	98
5) Pyridine	3.640	79	321758	21.227	ng/u1	99
6) Benzaldehyde	6.858	77	163570	19.208	ng/u1	98
8) Phenol	6.916	94	367746	20.790	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.146	93	299112	21.939	ng/u1	98
12) 2-Chlorophenol	7.269	128	282761	21.739	ng/u1	98
13) 2-Methylphenol	8.158	108	272000	20.900	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.246	45	347466	21.812	ng/u1	98
16) Acetophenone	8.534	105	455610	20.917	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.522	70	248292	21.192	ng/u1	99
18) 4-Methylphenol	8.487	108	293856	20.769	ng/u1	98
19) Hexachloroethane	8.769	117	131717	23.271	ng/u1	93
22) Nitrobenzene	8.905	77	387426	23.171	ng/u1	100
23) Isophorone	9.434	82	690981	22.162	ng/u1	99
25) 2-Nitrophenol	9.616	139	152885	21.691	ng/u1	96
26) 2,4-Dimethylphenol	9.681	107	334361	22.082	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.922	93	411115	22.747	ng/u1	100
29) 2,4-Dichlorophenol	10.146	162	244166	22.291	ng/u1	99
30) Naphthalene	10.540	128	941580	23.060	ng/u1	100
32) 4-Chloroaniline	10.663	127	379519	21.076	ng/u1	99
33) Hexachlorobutadiene	10.822	225	154498	23.923	ng/u1	98
34) Caprolactam	11.452	113	87598m	19.975	ng/u1	
35) 4-Chloro-3-methylphenol	11.793	107	308578	22.023	ng/u1	98
36) 2-Methylnaphthalene	12.157	142	617942	22.023	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.381	142	593834	21.267	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.528	216	273355	23.463	ng/ul	97
40) Hexachlorocyclopentadiene	12.504	237	148878	19.478	ng/ul	98
41) 2,4,6-Trichlorophenol	12.775	196	178111	22.261	ng/ul	100
42) 2,4,5-Trichlorophenol	12.846	196	189449	22.240	ng/ul	97
43) 1,1'-Biphenyl	13.181	154	771137	22.945	ng/ul	99
44) 2-Chloronaphthalene	13.216	162	593795	23.288	ng/ul	99
45) 2-Nitroaniline	13.434	65	200581	21.815	ng/ul	98
47) Dimethylphthalate	13.816	163	752731	22.955	ng/ul	99
48) 2,6-Dinitrotoluene	13.940	165	143125	22.613	ng/ul	95
50) Acenaphthylene	14.069	152	923213	23.223	ng/ul	99
51) 3-Nitroaniline	14.263	138	132253	18.246	ng/ul	100
52) Acenaphthene	14.410	153	656020	23.144	ng/ul	99
53) 2,4-Dinitrophenol	14.475	184	72754	17.772	ng/ul	95
55) 4-Nitrophenol	14.581	109	135049	21.747	ng/ul	97
56) Dibenzofuran	14.751	168	873146	23.038	ng/ul	99
57) 2,4-Dinitrotoluene	14.728	165	217958	23.408	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.981	232	159250	22.520	ng/ul	94
59) Diethylphthalate	15.193	149	810318	23.248	ng/ul	99
61) Fluorene	15.404	166	727361	23.016	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.404	204	336158	23.497	ng/ul	96
63) 4-Nitroaniline	15.434	138	132897	19.580	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.492	198	116689	20.859	ng/ul	95
67) N-Nitrosodiphenylamine	15.616	169	590575	22.710	ng/ul	99
68) 4-Bromophenyl-phenylether	16.298	248	196877	23.579	ng/ul	97
69) Hexachlorobenzene	16.404	284	224157	23.755	ng/ul	98
70) Atrazine	16.587	200	209883	22.751	ng/ul	98
71) Pentachlorophenol	16.751	266	133197	21.550	ng/ul	99
72) Phenanthrene	17.145	178	1128548	23.596	ng/ul	99
74) Anthracene	17.239	178	1159066	23.865	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.140	216	264374	22.964	ng/uL	99
76) Pentachlorobenzene	14.663	250	259629	22.889	ng/uL	99
77) Carbazole	17.516	167	1015110	22.378	ng/ul	100
78) Di-n-butylphthalate	18.086	149	1377335	23.483	ng/ul	100
80) Fluoranthene	19.128	202	1283584	22.756	ng/ul	99
82) Pyrene	19.481	202	1323155	22.711	ng/ul	99
83) Butylbenzylphthalate	20.375	149	640359	22.232	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.133	252	383575	19.669	ng/ul	99
85) Benzo(a)anthracene	21.198	228	1271667	22.845	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.139	149	993148	22.376	ng/ul	99
87) Chrysene	21.245	228	1243085	23.162	ng/ul	99
89) Di-n-octyl phthalate	22.039	149	1708708	22.373	ng/ul	100
90) Benzo(b)fluoranthene	22.822	252	1310600	22.834	ng/ul	99
91) Benzo(k)fluoranthene	22.869	252	1303252	23.453	ng/ul	99
93) Benzo(a)pyrene	23.427	252	1216941	23.405	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.921	276	1565823	23.032	ng/ul	98
95) Dibenzo(a,h)anthracene	25.939	278	1315354	23.034	ng/ul	100
96) Benzo(g,h,i)perylene	26.651	276	1290032	22.854	ng/ul	99

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

