

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072821\
 Data File : BP006408.D
 Acq On : 29 Jul 2021 02:01
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020666

Manual Integrations
 APPROVED

mohammad
 7/29/2021 1:46:07 PM

Quant Time: Jul 29 03:11:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 24 04:29:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	393500	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.563	136	1668708	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.404	164	928331	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.157	188	1762819	20.000	ng/u1	-0.01
79) Chrysene-d12	21.257	240	1532241	20.000	ng/u1	-0.01
88) Perylene-d12	23.598	264	1315615	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	80819	7.667	ng/uL	0.00
4) Pyridine-d5	3.705	84	599546	19.158	ng/u1	0.00
7) Phenol-d5	6.952	99	679817	18.395	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.122	67	442212	19.231	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.316	132	534726	19.475	ng/u1	-0.01
15) 4-Methylphenol-d8	8.487	113	525429	18.079	ng/u1	-0.01
21) Nitrobenzene-d5	8.934	128	253514	20.403	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.652	143	252481	21.281	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.187	165	457776	19.691	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.704	131	695890	18.182	ng/u1	-0.01
46) Dimethylphthalate-d6	13.828	166	1295948	19.614	ng/u1	-0.01
49) Acenaphthylene-d8	14.098	160	1627574	20.050	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.610	143	232613	17.731	ng/u1	0.00
60) Fluorene-d10	15.398	176	1052522	18.949	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.522	200	172395	17.542	ng/u1	-0.01
73) Anthracene-d10	17.257	188	1556216	19.556	ng/u1	-0.01
81) Pyrene-d10	19.498	212	1599555	20.296	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.445	264	1311109	19.611	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	85201	7.655	ng/uL	98
5) Pyridine	3.723	79	616444	18.888	ng/u1	98
6) Benzaldehyde	6.934	77	469999	23.309	ng/u1	98
8) Phenol	6.981	94	697602	18.466	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.216	93	559864	18.841	ng/u1	99
12) 2-Chlorophenol	7.346	128	535663	19.243	ng/u1	96
13) 2-Methylphenol	8.222	108	497391	18.043	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.316	45	652669m	19.660	ng/u1	
16) Acetophenone	8.605	105	822098	18.395	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.593	70	452845	19.368	ng/u1	97
18) 4-Methylphenol	8.552	108	539463	18.224	ng/u1	99
19) Hexachloroethane	8.852	117	227433	19.974	ng/u1	100
22) Nitrobenzene	8.981	77	663674	20.587	ng/u1	99
23) Isophorone	9.505	82	1167012	20.250	ng/u1	98
25) 2-Nitrophenol	9.681	139	273835	20.931	ng/u1	97
26) 2,4-Dimethylphenol	9.752	107	608340	19.607	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.993	93	720746	19.475	ng/u1	99
29) 2,4-Dichlorophenol	10.210	162	440936	19.332	ng/u1	97
30) Naphthalene	10.616	128	1650068	19.059	ng/u1	100
32) 4-Chloroaniline	10.728	127	684277	18.149	ng/u1	99
33) Hexachlorobutadiene	10.899	225	265567	19.085	ng/u1	100
34) Caprolactam	11.510	113	148536	18.860	ng/u1	91
35) 4-Chloro-3-methylphenol	11.857	107	533447	19.591	ng/u1	97
36) 2-Methylnaphthalene	12.228	142	1122745	18.925	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.446	142	1113965	18.655	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.593	216	485152	19.393	ng/ul	99
40) Hexachlorocyclopentadiene	12.575	237	277734	17.065	ng/ul	99
41) 2,4,6-Trichlorophenol	12.840	196	315562	20.356	ng/ul	97
42) 2,4,5-Trichlorophenol	12.904	196	341545	20.137	ng/ul	99
43) 1,1'-Biphenyl	13.246	154	1357503	19.507	ng/ul	99
44) 2-Chloronaphthalene	13.281	162	1014869	19.316	ng/ul	99
45) 2-Nitroaniline	13.493	65	341328	21.992	ng/ul	98
47) Dimethylphthalate	13.875	163	1256324	19.372	ng/ul	99
48) 2,6-Dinitrotoluene	13.993	165	247442	20.870	ng/ul	95
50) Acenaphthylene	14.128	152	1547748	19.579	ng/ul	99
51) 3-Nitroaniline	14.316	138	281923	20.294	ng/ul	96
52) Acenaphthene	14.469	153	1114685	19.219	ng/ul	99
53) 2,4-Dinitrophenol	14.522	184	107421	15.276	ng/ul	98
55) 4-Nitrophenol	14.622	109	201445	18.984	ng/ul	94
56) Dibenzofuran	14.804	168	1480354	19.032	ng/ul	97
57) 2,4-Dinitrotoluene	14.775	165	356825	21.060	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.034	232	265829	20.097	ng/ul	97
59) Diethylphthalate	15.245	149	1329191	19.787	ng/ul	99
61) Fluorene	15.457	166	1213214	18.962	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.457	204	560638	18.796	ng/ul	100
63) 4-Nitroaniline	15.481	138	281674	20.644	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.540	198	171218	17.822	ng/ul	99
67) N-Nitrosodiphenylamine	15.675	169	1022744	19.530	ng/ul	99
68) 4-Bromophenyl-phenylether	16.351	248	321379	22.765	ng/ul	95
69) Hexachlorobenzene	16.457	284	365033	19.280	ng/ul	99
70) Atrazine	16.634	200	354800	19.578	ng/ul	98
71) Pentachlorophenol	16.804	266	216519	18.191	ng/ul	98
72) Phenanthrene	17.204	178	1820800	19.236	ng/ul	99
74) Anthracene	17.292	178	1861185	19.391	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.204	216	477864	19.776	ng/ul	99
76) Pentachlorobenzene	14.722	250	448176	19.025	ng/ul	99
77) Carbazole	17.569	167	1668669	19.006	ng/ul	100
78) Di-n-butylphthalate	18.134	149	2210616	21.067	ng/ul	100
80) Fluoranthene	19.175	202	2000469	20.600	ng/ul	100
82) Pyrene	19.528	202	2049960	20.343	ng/ul	100
83) Butylbenzylphthalate	20.416	149	951869	23.022	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.180	252	589574	17.463	ng/ul	99
85) Benzo(a)anthracene	21.239	228	1838507	19.364	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.180	149	1479674	22.857	ng/ul	99
87) Chrysene	21.292	228	1757626	19.313	ng/ul	100
89) Di-n-octyl phthalate	22.092	149	2374670	25.901	ng/ul	100
90) Benzo(b)fluoranthene	22.886	252	1716902	20.546	ng/ul	99
91) Benzo(k)fluoranthene	22.933	252	1599687	20.170	ng/ul	99
93) Benzo(a)pyrene	23.492	252	1430358	19.582	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.015	276	1574234	16.837	ng/ul	98
95) Dibenzo(a,h)anthracene	26.039	278	1334151	16.847	ng/ul	100
96) Benzo(g,h,i)perylene	26.757	276	1272206	16.468	ng/ul	98

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

