

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
 Data File : BN015040.D
 Acq On : 24 Jun 2021 14:55
 Operator : CG/JU
 Sample : PB137214BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS214

Manual Integrations
 APPROVED

mohammad
 6/25/2021 1:12:04 PM

Quant Time: Jun 24 15:31:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 24 14:43:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	167474	20.000	ng/u1	0.00
20) Naphthalene-d8	10.499	136	657568	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.351	164	364633	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	720569	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	669270	20.000	ng/u1	0.00
88) Perylene-d12	23.551	264	643400	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	29404	6.832	ng/uL	0.00
4) Pyridine-d5	3.670	84	342623	29.527	ng/u1	0.00
7) Phenol-d5	6.887	99	508330	34.971	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.058	67	295920	34.665	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.258	132	398501	36.156	ng/u1	0.00
15) 4-Methylphenol-d8	8.416	113	375849	33.503	ng/u1	0.00
21) Nitrobenzene-d5	8.869	128	180839	40.203	ng/u1	0.00
24) 2-Nitrophenol-d4	9.581	143	177442	44.285	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	353131	37.340	ng/u1	0.00
31) 4-Chloroaniline-d4	10.628	131	451577	30.811	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	990162	39.545	ng/u1	0.00
49) Acenaphthylene-d8	14.046	160	1279010	39.350	ng/u1	0.00
54) 4-Nitrophenol-d4	14.546	143	182077	41.691	ng/u1	0.00
60) Fluorene-d10	15.351	176	839613	38.545	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	125900	42.305	ng/u1	0.00
73) Anthracene-d10	17.198	188	1200384	36.397	ng/u1	0.00
81) Pyrene-d10	19.498	212	1345004	38.341	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.410	264	1338292	42.134	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	72541	16.354	ng/uL	93
5) Pyridine	3.687	79	380498	31.518	ng/u1	98
6) Benzaldehyde	6.869	77	289480	42.821	ng/u1	96
8) Phenol	6.917	94	516132	35.025	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.152	93	405225	34.810	ng/u1	99
12) 2-Chlorophenol	7.287	128	401943	36.041	ng/u1	97
13) 2-Methylphenol	8.158	108	366898	33.346	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.246	45	517274	34.112	ng/u1	98
16) Acetophenone	8.534	105	591683	34.818	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.522	70	280780	33.731	ng/u1	99
18) 4-Methylphenol	8.481	108	401000	33.982	ng/u1	100
19) Hexachloroethane	8.793	117	159113	34.905	ng/u1	96
22) Nitrobenzene	8.911	77	429053	39.069	ng/u1	98
23) Isophorone	9.428	82	781197	36.172	ng/u1	100
25) 2-Nitrophenol	9.616	139	195444	44.003	ng/u1	96
26) 2,4-Dimethylphenol	9.675	107	317739	27.593	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.916	93	509027	36.941	ng/u1	98
29) 2,4-Dichlorophenol	10.146	162	347981	37.777	ng/u1	100
30) Naphthalene	10.546	128	1207989	36.001	ng/u1	100
32) 4-Chloroaniline	10.652	127	450928	31.303	ng/u1	100
33) Hexachlorobutadiene	10.840	225	209337	36.610	ng/u1	96
34) Caprolactam	11.405	113	115526m	36.723	ng/u1	
35) 4-Chloro-3-methylphenol	11.781	107	385465	38.243	ng/u1	100
36) 2-Methylnaphthalene	12.163	142	835132	35.951	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.381	142	809272	34.768	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.534	216	401382	39.435	ng/ul	100
40) Hexachlorocyclopentadiene	12.516	237	180373	32.472	ng/ul	98
41) 2,4,6-Trichlorophenol	12.775	196	244990	41.167	ng/ul	95
42) 2,4,5-Trichlorophenol	12.846	196	271645	41.084	ng/ul	94
43) 1,1'-Biphenyl	13.181	154	1046044	39.754	ng/ul	97
44) 2-Chloronaphthalene	13.222	162	819447	39.981	ng/ul	99
45) 2-Nitroaniline	13.422	65	227341	47.677	ng/ul	99
47) Dimethylphthalate	13.810	163	986653	40.713	ng/ul	100
48) 2,6-Dinitrotoluene	13.928	165	196042	48.081	ng/ul	94
50) Acenaphthylene	14.075	152	1177472	38.391	ng/ul	99
51) 3-Nitroaniline	14.251	138	213039	46.211	ng/ul#	93
52) Acenaphthene	14.416	153	848684	39.333	ng/ul	98
53) 2,4-Dinitrophenol	14.457	184	84634	45.203	ng/ul	94
55) 4-Nitrophenol	14.557	109	137912	43.303	ng/ul	96
56) Dibenzofuran	14.751	168	1192781	39.357	ng/ul	98
57) 2,4-Dinitrotoluene	14.716	165	281683	49.541	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.975	232	209103	43.144	ng/ul	100
59) Diethylphthalate	15.187	149	967878	40.008	ng/ul	100
61) Fluorene	15.404	166	943037	39.308	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.404	204	437390	38.369	ng/ul	97
63) 4-Nitroaniline	15.422	138	215611	50.260	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.475	198	133566	44.409	ng/ul	98
67) N-Nitrosodiphenylamine	15.616	169	815215	39.004	ng/ul	98
68) 4-Bromophenyl-phenylether	16.298	248	268348	38.687	ng/ul	94
69) Hexachlorobenzene	16.410	284	314391	40.445	ng/ul	98
70) Atrazine	16.569	200	149255	20.523	ng/ul	97
71) Pentachlorophenol	16.751	266	154250	37.930	ng/ul	91
72) Phenanthrene	17.139	178	1513398	39.793	ng/ul	99
74) Anthracene	17.234	178	1464907	37.520	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.140	216	404045	39.595	ng/ul	98
76) Pentachlorobenzene	14.675	250	373199	38.196	ng/ul	97
77) Carbazole	17.504	167	1377279	39.138	ng/ul	99
78) Di-n-butylphthalate	18.081	149	1616487	40.353	ng/ul	99
80) Fluoranthene	19.163	202	1675991	39.579	ng/ul	97
82) Pyrene	19.528	202	1749300	39.634	ng/ul	99
83) Butylbenzylphthalate	20.445	149	704883	44.806	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.222	252	498193	36.147	ng/ul	93
85) Benzo(a)anthracene	21.286	228	1633558	39.462	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.227	149	1042711	41.386	ng/ul	98
87) Chrysene	21.339	228	1573205	38.593	ng/ul	99
89) Di-n-octyl phthalate	22.116	149	1795209	44.616	ng/ul	100
90) Benzo(b)fluoranthene	22.874	252	1711732	44.180	ng/ul	99
91) Benzo(k)fluoranthene	22.922	252	1661323	42.367	ng/ul	97
93) Benzo(a)pyrene	23.457	252	1487912	42.251	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	25.816	276	1900567	44.484	ng/ul	99
95) Dibenzo(a,h)anthracene	25.827	278	1569346	44.317	ng/ul	97
96) Benzo(g,h,i)perylene	26.510	276	1621020	43.892	ng/ul	99

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

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