

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
 Data File : BN014906.D
 Acq On : 14 Jun 2021 19:51
 Operator : CG/JU
 Sample : PB137065BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS065

Manual Integrations
 APPROVED

mohammad
 6/15/2021 2:41:51 PM

Quant Time: Jun 14 20:21:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 14 10:46:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	95729	20.00	ng/ul	0.00
20) Naphthalene-d8	10.475	136	346835	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.340	164	250012	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.092	188	590708	20.00	ng/ul	# 0.00
79) Chrysene-d12	21.298	240	728995	20.00	ng/ul	0.00
88) Perylene-d12	23.551	264	791608	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	11665	6.48	ng/uL	0.00
4) Pyridine-d5	3.611	84	124919	29.83	ng/ul	0.00
7) Phenol-d5	6.864	99	246980	34.44	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	121778	35.85	ng/ul	0.00
11) 2-Chlorophenol-d4	7.222	132	197152	35.86	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	202782	33.19	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	101631	39.05	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	111534	37.79	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	227418	38.27	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	237098	33.69	ng/ul	0.00
46) Dimethylphthalate-d6	13.751	166	757406	38.11	ng/ul	0.00
49) Acenaphthylene-d8	14.034	160	842220	38.77	ng/ul	0.00
54) 4-Nitrophenol-d4	14.551	143	101729	36.44	ng/ul	0.00
60) Fluorene-d10	15.340	176	631628	38.96	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	141874	40.18	ng/ul	0.00
73) Anthracene-d10	17.192	188	982158	36.74	ng/ul	0.00
81) Pyrene-d10	19.498	212	1249010	37.15	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.410	264	1579414	39.92	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	28243	14.07	ng/uL#	87
5) Pyridine	3.623	79	119752	27.57	ng/ul	90
6) Benzaldehyde	6.834	77	164941	45.77	ng/ul	93
8) Phenol	6.893	94	244488	34.36	ng/ul#	83
10) Bis(2-Chloroethyl)ether	7.116	93	182975	34.08	ng/ul#	88
12) 2-Chlorophenol	7.258	128	196423	33.63	ng/ul#	87
13) 2-Methylphenol	8.134	108	195703	34.73	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.228	45	119620	34.24	ng/ul	95
16) Acetophenone	8.505	105	345669	35.15	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.493	70	162346	34.93	ng/ul#	90
18) 4-Methylphenol	8.458	108	219685	36.24	ng/ul	93
19) Hexachloroethane	8.763	117	102450	33.80	ng/ul	89
22) Nitrobenzene	8.881	77	276298	39.80	ng/ul	98
23) Isophorone	9.405	82	463415	37.01	ng/ul#	95
25) 2-Nitrophenol	9.587	139	123439	41.30	ng/ul#	84
26) 2,4-Dimethylphenol	9.658	107	244629	30.43	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.893	93	266857	38.97	ng/ul#	94
29) 2,4-Dichlorophenol	10.128	162	222140	39.31	ng/ul	91
30) Naphthalene	10.522	128	638920	36.71	ng/ul	98
32) 4-Chloroaniline	10.634	127	240150	34.56	ng/ul	100
33) Hexachlorobutadiene	10.816	225	210916	37.84	ng/ul	92
34) Caprolactam	11.393	113	70938m	40.66	ng/ul	
35) 4-Chloro-3-methylphenol	11.775	107	305503	41.66	ng/ul	97
36) 2-Methylnaphthalene	12.146	142	470825	36.89	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.369	142	469110	36.41	ng/ul#	90
39) 1,2,4,5-Tetrachloroben...	12.516	216	335011	38.56	ng/ul	94
40) Hexachlorocyclopentadiene	12.499	237	190422	29.57	ng/ul	95
41) 2,4,6-Trichlorophenol	12.763	196	204279	40.52	ng/ul	95
42) 2,4,5-Trichlorophenol	12.840	196	229342	41.36	ng/ul	91
43) 1,1'-Biphenyl	13.169	154	656707	38.24	ng/ul#	93
44) 2-Chloronaphthalene	13.210	162	528115	38.50	ng/ul	98
45) 2-Nitroaniline	13.416	65	166401	41.43	ng/ul	89
47) Dimethylphthalate	13.798	163	754192	40.26	ng/ul	98
48) 2,6-Dinitrotoluene	13.922	165	159218	43.87	ng/ul#	97
50) Acenaphthylene	14.063	152	751789	38.16	ng/ul	95
51) 3-Nitroaniline	14.246	138	122437	40.80	ng/ul#	74
52) Acenaphthene	14.410	153	565730	38.66	ng/ul	99
53) 2,4-Dinitrophenol	14.457	184	81052	40.51	ng/ul	86
55) 4-Nitrophenol	14.569	109	193405	41.52	ng/ul	89
56) Dibenzofuran	14.745	168	840919	39.44	ng/ul#	80
57) 2,4-Dinitrotoluene	14.710	165	234769	41.77	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.975	232	208079	39.74	ng/ul#	92
59) Diethylphthalate	15.175	149	766097	40.24	ng/ul	97
61) Fluorene	15.398	166	655787	38.46	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.393	204	368622	38.89	ng/ul#	76
63) 4-Nitroaniline	15.422	138	126735	42.89	ng/ul#	70
66) 4,6-Dinitro-2-methylph...	15.475	198	135650	39.36	ng/ul#	86
67) N-Nitrosodiphenylamine	15.610	169	605512	39.49	ng/ul	96
68) 4-Bromophenyl-phenylether	16.292	248	292271	41.19	ng/ul#	78
69) Hexachlorobenzene	16.404	284	368516	40.10	ng/ul	94
70) Atrazine	16.563	200	198021	28.55	ng/ul	97
71) Pentachlorophenol	16.751	266	185761	41.26	ng/ul	96
72) Phenanthrene	17.139	178	1166452	39.45	ng/ul	97
74) Anthracene	17.228	178	1130315	37.89	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.128	216	342146	38.14	ng/uL	94
76) Pentachlorobenzene	14.663	250	366553	37.12	ng/uL	94
77) Carbazole	17.498	167	994131	39.88	ng/ul#	94
78) Di-n-butylphthalate	18.075	149	1268922	40.79	ng/ul	97
80) Fluoranthene	19.163	202	1517455	39.27	ng/ul#	94
82) Pyrene	19.528	202	1542031	37.63	ng/ul#	94
83) Butylbenzylphthalate	20.439	149	611760	40.51	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.216	252	518785	38.83	ng/ul	94
85) Benzo(a)anthracene	21.280	228	1683424	39.42	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.222	149	868259	39.03	ng/ul	98
87) Chrysene	21.333	228	1641597	38.79	ng/ul	97
89) Di-n-octyl phthalate	22.104	149	1740079	42.10	ng/ul	100
90) Benzo(b)fluoranthene	22.874	252	1885685	41.00	ng/ul	96
91) Benzo(k)fluoranthene	22.916	252	2011278	44.48	ng/ul	99
93) Benzo(a)pyrene	23.457	252	1725498	41.30	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	25.821	276	2275157	42.28	ng/ul	97
95) Dibenzo(a,h)anthracene	25.839	278	1805263	40.99	ng/ul	98
96) Benzo(g,h,i)perylene	26.521	276	1919330	40.62	ng/ul#	92

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

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