

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061021\
 Data File : BN014869.D
 Acq On : 10 Jun 2021 19:38
 Operator : CG/JU
 Sample : PB136853BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS853

Manual Integrations
 APPROVED

mohammad
 6/11/2021 2:13:23 PM

Quant Time: Jun 11 01:48:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 10 11:55:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	144084	20.00	ng/ul	0.00
20) Naphthalene-d8	10.481	136	582981	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	402317	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.104	188	887479	20.00	ng/ul	0.00
79) Chrysene-d12	21.304	240	1010013	20.00	ng/ul	0.00
88) Perylene-d12	23.563	264	1158336	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	24363m	6.89	ng/uL	0.00
4) Pyridine-d5	3.611	84	241987m	27.16	ng/ul	0.00
7) Phenol-d5	6.869	99	502700	35.63	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	230864	32.91	ng/ul	0.00
11) 2-Chlorophenol-d4	7.228	132	369708	42.31	ng/ul	0.00
15) 4-Methylphenol-d8	8.404	113	409545	37.34	ng/ul	0.00
21) Nitrobenzene-d5	8.852	128	194232	44.23	ng/ul	0.00
24) 2-Nitrophenol-d4	9.569	143	223541	47.36	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.110	165	419166	38.95	ng/ul	0.00
31) 4-Chloroaniline-d4	10.616	131	454613	35.83	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	1367160	42.77	ng/ul	0.00
49) Acenaphthylene-d8	14.039	160	1532953	41.47	ng/ul	0.00
54) 4-Nitrophenol-d4	14.563	143	203090	40.00	ng/ul	0.01
60) Fluorene-d10	15.345	176	1103142	40.06	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	244730	50.42	ng/ul	0.00
73) Anthracene-d10	17.204	188	1724152	41.59	ng/ul	0.00
81) Pyrene-d10	19.504	212	2111514	44.34	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.415	264	2710296	43.93	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	49559	11.93	ng/uL	95
5) Pyridine	3.628	79	217313m	23.27	ng/ul	
6) Benzaldehyde	6.840	77	260742m	34.32	ng/ul	
8) Phenol	6.899	94	464621	32.01	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.128	93	335503	29.94	ng/ul#	94
12) 2-Chlorophenol	7.263	128	346691	37.91	ng/ul	93
13) 2-Methylphenol	8.140	108	354881	33.29	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.222	45	202350	28.63	ng/ul	92
16) Acetophenone	8.516	105	607141	33.44	ng/ul	90
17) N-Nitroso-di-n-propyla...	8.504	70	290833	33.25	ng/ul#	95
18) 4-Methylphenol	8.469	108	387260	33.31	ng/ul	88
19) Hexachloroethane	8.769	117	168060	36.70	ng/ul	94
22) Nitrobenzene	8.893	77	445883	32.53	ng/ul#	93
23) Isophorone	9.410	82	843373	32.41	ng/ul	97
25) 2-Nitrophenol	9.599	139	206548	41.18	ng/ul	91
26) 2,4-Dimethylphenol	9.663	107	400695	25.95	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.899	93	465277	29.42	ng/ul#	98
29) 2,4-Dichlorophenol	10.134	162	377198	36.54	ng/ul	91
30) Naphthalene	10.528	128	1120166	35.35	ng/ul	99
32) 4-Chloroaniline	10.640	127	416012	30.81	ng/ul	99
33) Hexachlorobutadiene	10.822	225	320549	34.73	ng/ul	97
34) Caprolactam	11.398	113	127187m	38.14	ng/ul	
35) 4-Chloro-3-methylphenol	11.775	107	513981	34.36	ng/ul	89
36) 2-Methylnaphthalene	12.151	142	818718	34.66	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.375	142	799159	34.41	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.528	216	532290	34.99	ng/ul	96
40) Hexachlorocyclopentadiene	12.504	237	245662	24.38	ng/ul	96
41) 2,4,6-Trichlorophenol	12.769	196	340902	39.91	ng/ul	98
42) 2,4,5-Trichlorophenol	12.845	196	370891	39.79	ng/ul	98
43) 1,1'-Biphenyl	13.175	154	1077639	37.44	ng/ul	97
44) 2-Chloronaphthalene	13.216	162	895420	38.83	ng/ul	99
45) 2-Nitroaniline	13.422	65	273308	38.91	ng/ul	97
47) Dimethylphthalate	13.810	163	1205729	38.14	ng/ul	97
48) 2,6-Dinitrotoluene	13.928	165	249151	42.41	ng/ul	91
50) Acenaphthylene	14.069	152	1259035	37.05	ng/ul	99
51) 3-Nitroaniline	14.257	138	225989	39.64	ng/ul#	76
52) Acenaphthene	14.416	153	946313	38.43	ng/ul	98
53) 2,4-Dinitrophenol	14.463	184	127362	29.86	ng/ul	96
55) 4-Nitrophenol	14.575	109	273359	28.08	ng/ul	96
56) Dibenzofuran	14.751	168	1381178	37.71	ng/ul#	86
57) 2,4-Dinitrotoluene	14.716	165	394622	42.15	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.981	232	350908	36.59	ng/ul#	85
59) Diethylphthalate	15.181	149	1228474	40.42	ng/ul	96
61) Fluorene	15.404	166	1043062	37.85	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.398	204	594383	36.46	ng/ul	90
63) 4-Nitroaniline	15.428	138	229657	39.66	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.486	198	215761	45.44	ng/ul#	91
67) N-Nitrosodiphenylamine	15.616	169	970153	40.59	ng/ul	95
68) 4-Bromophenyl-phenylether	16.298	248	452142	39.12	ng/ul#	87
69) Hexachlorobenzene	16.410	284	570380	39.45	ng/ul	95
70) Atrazine	16.569	200	384438	38.89	ng/ul	95
71) Pentachlorophenol	16.757	266	302500	36.34	ng/ul	98
72) Phenanthrene	17.145	178	1876671	40.47	ng/ul	97
74) Anthracene	17.239	178	1838320	39.33	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.140	216	559118	38.13	ng/uL	94
76) Pentachlorobenzene	14.669	250	568675	37.49	ng/uL	96
77) Carbazole	17.510	167	1609804	40.87	ng/ul	97
78) Di-n-butylphthalate	18.080	149	2080914	44.84	ng/ul#	96
80) Fluoranthene	19.169	202	2345897	41.77	ng/ul	97
82) Pyrene	19.533	202	2419794	41.90	ng/ul	97
83) Butylbenzylphthalate	20.439	149	991908	51.12	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.221	252	796965	41.85	ng/ul	94
85) Benzo(a)anthracene	21.286	228	2450399m	38.92	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.227	149	1347331	48.17	ng/ul	98
87) Chrysene	21.339	228	2411200m	38.03	ng/ul	
89) Di-n-octyl phthalate	22.110	149	2705710	52.80	ng/ul	100
90) Benzo(b)fluoranthene	22.880	252	2869839m	41.28	ng/ul	
91) Benzo(k)fluoranthene	22.927	252	2759472m	39.84	ng/ul	
93) Benzo(a)pyrene	23.463	252	2519532	40.05	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	25.839	276	3356121	38.94	ng/ul#	94
95) Dibenzo(a,h)anthracene	25.857	278	2860979	40.11	ng/ul	99
96) Benzo(g,h,i)perylene	26.539	276	3194845	41.88	ng/ul	95

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

