

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052521\
 Data File : BN014732.D
 Acq On : 25 May 2021 12:54
 Operator : CG/JU
 Sample : M2493-16MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GB432MS

Manual Integrations
 APPROVED

mohammad
 5/26/2021 3:02:20 PM

Quant Time: May 25 13:23:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 25 10:33:04 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	213454	20.00	ng/ul	0.00
20) Naphthalene-d8	10.499	136	849117	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.363	164	657420	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	1574422	20.00	ng/ul	0.00
79) Chrysene-d12	21.316	240	1880812	20.00	ng/ul	0.00
88) Perylene-d12	23.580	264	2246769	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	15183	2.90	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.00	ng/ul	0.00
7) Phenol-d5	6.887	99	138220	6.61	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.052	67	291222	28.02	ng/ul	0.00
11) 2-Chlorophenol-d4	7.252	132	308628	23.84	ng/ul	0.00
15) 4-Methylphenol-d8	8.422	113	253382	15.59	ng/ul	0.00
21) Nitrobenzene-d5	8.863	128	206950	32.36	ng/ul	0.00
24) 2-Nitrophenol-d4	9.587	143	223061	32.44	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	450125	28.71	ng/ul	0.00
31) 4-Chloroaniline-d4	10.634	131	60952	3.30	ng/ul	0.00
46) Dimethylphthalate-d6	13.775	166	1890855	36.20	ng/ul	0.00
49) Acenaphthylene-d8	14.057	160	2062610	34.15	ng/ul	0.00
54) 4-Nitrophenol-d4	14.581	143	71893	8.66	ng/ul	0.00
60) Fluorene-d10	15.363	176	1586284	35.25	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	362065	42.04	ng/ul	0.00
73) Anthracene-d10	17.216	188	2682681	36.48	ng/ul	0.00
81) Pyrene-d10	19.522	212	3381473	38.13	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.439	264	4482137	37.45	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	16891	2.74	ng/uL#	87
6) Benzaldehyde	6.858	77	449869	39.97	ng/ul	97
8) Phenol	6.916	94	161062	7.49	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.140	93	487461	29.37	ng/ul	98
12) 2-Chlorophenol	7.281	128	347630	25.66	ng/ul	100
13) 2-Methylphenol	8.158	108	309124	19.57	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.246	45	327218	31.25	ng/ul	95
16) Acetophenone	8.528	105	851185	31.64	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.516	70	418336	32.29	ng/ul#	95
18) 4-Methylphenol	8.481	108	290522	16.87	ng/ul	98
19) Hexachloroethane	8.781	117	203978	30.07	ng/ul#	88
22) Nitrobenzene	8.905	77	637822	31.95	ng/ul#	97
23) Isophorone	9.428	82	1251952	33.03	ng/ul	99
25) 2-Nitrophenol	9.616	139	246890	33.79	ng/ul	87
26) 2,4-Dimethylphenol	9.681	107	556758	24.75	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.916	93	728848	31.64	ng/ul#	94
29) 2,4-Dichlorophenol	10.152	162	452096	30.07	ng/ul	98
30) Naphthalene	10.552	128	1473864	31.93	ng/ul	99
32) 4-Chloroaniline	10.657	127	79717	4.05	ng/ul	89
33) Hexachlorobutadiene	10.840	225	410061	30.50	ng/ul	97
34) Caprolactam	11.440	113	6791m	1.40	ng/ul	
35) 4-Chloro-3-methylphenol	11.793	107	657383	30.17	ng/ul	98
36) 2-Methylnaphthalene	12.169	142	1121468	32.60	ng/ul	100
37) 1-Methylnaphthalene	12.393	142	1091620	32.27	ng/ul#	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.546	216	809407	32.56	ng/ul	94
40) Hexachlorocyclopentadiene	12.522	237	481568	29.24	ng/ul	91
41) 2,4,6-Trichlorophenol	12.787	196	503791	36.09	ng/ul	98
42) 2,4,5-Trichlorophenol	12.863	196	552885	36.29	ng/ul	97
43) 1,1'-Biphenyl	13.193	154	1586745	33.74	ng/ul#	96
44) 2-Chloronaphthalene	13.234	162	1279549	33.96	ng/ul	97
45) 2-Nitroaniline	13.440	65	458496	39.95	ng/ul	98
47) Dimethylphthalate	13.822	163	1915086	37.07	ng/ul	99
48) 2,6-Dinitrotoluene	13.940	165	395965	41.25	ng/ul	98
50) Acenaphthylene	14.087	152	1973999	35.55	ng/ul	98
51) 3-Nitroaniline	14.269	138	231099	24.81	ng/ul	97
52) Acenaphthene	14.428	153	1413261	35.12	ng/ul	99
53) 2,4-Dinitrophenol	14.475	184	196099	28.13	ng/ul	92
55) 4-Nitrophenol	14.592	109	99312	6.24	ng/ul	84
56) Dibenzofuran	14.763	168	2141814	35.78	ng/ul	97
57) 2,4-Dinitrotoluene	14.728	165	622667	40.70	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.992	232	597602	38.14	ng/ul#	93
59) Diethylphthalate	15.198	149	1930318	38.87	ng/ul	96
61) Fluorene	15.416	166	1591248	35.34	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.416	204	923358	34.66	ng/ul	97
63) 4-Nitroaniline	15.440	138	311159	32.89	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.498	198	368597	43.75	ng/ul#	93
67) N-Nitrosodiphenylamine	15.628	169	1610706	37.98	ng/ul	99
68) 4-Bromophenyl-phenylether	16.310	248	780968	38.09	ng/ul	93
69) Hexachlorobenzene	16.428	284	954165	37.20	ng/ul	99
70) Atrazine	16.587	200	732784	41.79	ng/ul	94
71) Pentachlorophenol	16.769	266	527555	35.73	ng/ul	95
72) Phenanthrene	17.157	178	3096630	37.64	ng/ul	99
74) Anthracene	17.251	178	3135617	37.82	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.151	216	813215	31.26	ng/uL	95
76) Pentachlorobenzene	14.687	250	961849	35.75	ng/uL	95
77) Carbazole	17.522	167	2790740	39.94	ng/ul	98
78) Di-n-butylphthalate	18.092	149	3318637	40.31	ng/ul	97
80) Fluoranthene	19.186	202	4141282	39.60	ng/ul	99
82) Pyrene	19.551	202	4071905	37.86	ng/ul	98
83) Butylbenzylphthalate	20.457	149	1553433	42.99	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.239	252	1455734	41.05	ng/ul	98
85) Benzo(a)anthracene	21.298	228	4443119	37.90	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.239	149	2007617	38.55	ng/ul	99
87) Chrysene	21.357	228	4216402	35.71	ng/ul	97
89) Di-n-octyl phthalate	22.127	149	4379640	44.06	ng/ul	100
90) Benzo(b)fluoranthene	22.904	252	5480463	40.65	ng/ul	97
91) Benzo(k)fluoranthene	22.951	252	4940548	36.78	ng/ul	99
93) Benzo(a)pyrene	23.486	252	4793461	39.28	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.880	276	6490246	38.82	ng/ul	98
95) Dibenzo(a,h)anthracene	25.886	278	5369978	38.81	ng/ul	99
96) Benzo(g,h,i)perylene	26.574	276	5822939	39.35	ng/ul	96

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

