

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052521\
 Data File : BN014733.D
 Acq On : 25 May 2021 13:29
 Operator : CG/JU
 Sample : M2493-17MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GB432MSD

Manual Integrations
 APPROVED

mohammad
 5/26/2021 3:02:14 PM

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Quant Time: May 25 14:13:41 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	251291	20.00	ng/ul	0.00
20) Naphthalene-d8	10.499	136	960113	20.00	ng/ul	# 0.00
38) Acenaphthene-d10	14.363	164	739779	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	1757460	20.00	ng/ul	0.00
79) Chrysene-d12	21.322	240	1914723	20.00	ng/ul	0.00
88) Perylene-d12	23.586	264	2407150	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	17086	2.77	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.00	ng/ul	
7) Phenol-d5	6.887	99	159229	6.47	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	343608	28.08	ng/ul	0.00
11) 2-Chlorophenol-d4	7.252	132	372991	24.48	ng/ul	0.00
15) 4-Methylphenol-d8	8.422	113	297106	15.53	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	242090	33.47	ng/ul	0.00
24) 2-Nitrophenol-d4	9.587	143	262645	33.79	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	531184	29.97	ng/ul	0.00
31) 4-Chloroaniline-d4	10.634	131	68855	3.30	ng/ul	0.00
46) Dimethylphthalate-d6	13.775	166	2170159	36.92	ng/ul	0.00
49) Acenaphthylene-d8	14.051	160	2299728	33.84	ng/ul	0.00
54) 4-Nitrophenol-d4	14.581	143	78067	8.36	ng/ul	0.00
60) Fluorene-d10	15.363	176	1791022	35.37	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	409025	42.55	ng/ul	0.00
73) Anthracene-d10	17.216	188	2969295	36.17	ng/ul	0.00
81) Pyrene-d10	19.522	212	3588525	39.75	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.445	264	4741066	36.98	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.269	88	22848	3.15	ng/uL#	91
6) Benzaldehyde	6.858	77	526624	39.74	ng/ul	99
8) Phenol	6.916	94	182450	7.21	ng/ul#	93
10) Bis(2-Chloroethyl)ether	7.140	93	577535	29.55	ng/ul	95
12) 2-Chlorophenol	7.281	128	399813	25.07	ng/ul	98
13) 2-Methylphenol	8.157	108	347411	18.68	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.246	45	377848	30.65	ng/ul	97
16) Acetophenone	8.528	105	994631	31.41	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.516	70	498059	32.65	ng/ul#	91
18) 4-Methylphenol	8.487	108	343220	16.92	ng/ul	93
19) Hexachloroethane	8.787	117	233167	29.20	ng/ul	94
22) Nitrobenzene	8.905	77	747991	33.14	ng/ul	97
23) Isophorone	9.428	82	1425364	33.26	ng/ul	98
25) 2-Nitrophenol	9.616	139	286563	34.69	ng/ul	90
26) 2,4-Dimethylphenol	9.681	107	632085	24.85	ng/ul	93
27) Bis(2-Chloroethoxy)met...	9.916	93	843779	32.40	ng/ul	97
29) 2,4-Dichlorophenol	10.152	162	528053	31.06	ng/ul	98
30) Naphthalene	10.546	128	1676591	32.13	ng/ul	99
32) 4-Chloroaniline	10.657	127	90538	4.07	ng/ul	96
33) Hexachlorobutadiene	10.840	225	485386	31.93	ng/ul	95
34) Caprolactam	11.440	113	10707m	1.95	ng/ul	
35) 4-Chloro-3-methylphenol	11.793	107	772067	31.34	ng/ul	100
36) 2-Methylnaphthalene	12.169	142	1264861	32.52	ng/ul	98
37) 1-Methylnaphthalene	12.393	142	1229791	32.16	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.545	216	909262	32.51	ng/ul	92
40) Hexachlorocyclopentadiene	12.522	237	547195	29.53	ng/ul	95
41) 2,4,6-Trichlorophenol	12.787	196	578224	36.81	ng/ul	96
42) 2,4,5-Trichlorophenol	12.863	196	632289	36.89	ng/ul	98
43) 1,1'-Biphenyl	13.193	154	1821669	34.42	ng/ul	97
44) 2-Chloronaphthalene	13.228	162	1435300	33.85	ng/ul	98
45) 2-Nitroaniline	13.440	65	520175	40.28	ng/ul	95
47) Dimethylphthalate	13.822	163	2115924	36.40	ng/ul	99
48) 2,6-Dinitrotoluene	13.940	165	447498	41.42	ng/ul	93
50) Acenaphthylene	14.081	152	2188504	35.02	ng/ul	98
51) 3-Nitroaniline	14.269	138	263437	25.13	ng/ul	98
52) Acenaphthene	14.428	153	1574908	34.78	ng/ul	98
53) 2,4-Dinitrophenol	14.475	184	236253	30.12	ng/ul	94
55) 4-Nitrophenol	14.592	109	116636	6.52	ng/ul	93
56) Dibenzofuran	14.763	168	2382326	35.37	ng/ul	89
57) 2,4-Dinitrotoluene	14.734	165	703123	40.84	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	14.992	232	687122	38.97	ng/ul	97
59) Diethylphthalate	15.198	149	2156872	38.59	ng/ul	95
61) Fluorene	15.422	166	1756254	34.66	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.416	204	1016195	33.90	ng/ul#	87
63) 4-Nitroaniline	15.439	138	341917	32.11	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.498	198	419001	44.56	ng/ul#	91
67) N-Nitrosodiphenylamine	15.634	169	1780788	37.62	ng/ul	99
68) 4-Bromophenyl-phenylether	16.310	248	880914	38.49	ng/ul	93
69) Hexachlorobenzene	16.422	284	1030474	35.99	ng/ul	98
70) Atrazine	16.586	200	775695	39.63	ng/ul	96
71) Pentachlorophenol	16.769	266	598939	36.34	ng/ul	93
72) Phenanthrene	17.163	178	3414714	37.19	ng/ul	97
74) Anthracene	17.251	178	3389283	36.62	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.157	216	908991	31.30	ng/uL	97
76) Pentachlorobenzene	14.687	250	1088379	36.24	ng/uL	97
77) Carbazole	17.522	167	3068719	39.34	ng/ul	99
78) Di-n-butylphthalate	18.098	149	3673996	39.97	ng/ul	98
80) Fluoranthene	19.186	202	4383888	41.18	ng/ul	99
82) Pyrene	19.551	202	4457799	40.72	ng/ul	98
83) Butylbenzylphthalate	20.457	149	1690926	45.97	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.239	252	1521202	42.14	ng/ul	98
85) Benzo(a)anthracene	21.304	228	4677943	39.19	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.245	149	2185811	41.22	ng/ul	99
87) Chrysene	21.357	228	4599965	38.27	ng/ul	96
89) Di-n-octyl phthalate	22.127	149	4733322	44.45	ng/ul	100
90) Benzo(b)fluoranthene	22.904	252	5596815	38.74	ng/ul	97
91) Benzo(k)fluoranthene	22.951	252	5205548	36.17	ng/ul	98
93) Benzo(a)pyrene	23.492	252	5046656	38.60	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.880	276	6749626	37.68	ng/ul	97
95) Dibenzo(a,h)anthracene	25.892	278	5484356	37.00	ng/ul	99
96) Benzo(g,h,i)perylene	26.580	276	6095854	38.45	ng/ul	97

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

