

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052521\
 Data File : BN014729.D
 Acq On : 25 May 2021 11:03
 Operator : CG/JU
 Sample : PB136608BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS608

Manual Integrations
 APPROVED

mohammad
 5/26/2021 3:02:07 PM

Quant Time: May 25 11:32:12 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	7.716	152	143616	20.00	ng/ul	0.00
20) Naphthalene-d8	10.504	136	579552	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.369	164	454090	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.122	188	1134844	20.00	ng/ul	0.00
79) Chrysene-d12	21.322	240	1543572	20.00	ng/ul	0.00
88) Perylene-d12	23.592	264	1848280	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	18062	5.12	ng/uL	0.00
4) Pyridine-d5	3.634	84	278430	31.35	ng/ul	0.00
7) Phenol-d5	6.893	99	518000	36.84	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.052	67	253023	36.18	ng/ul	0.00
11) 2-Chlorophenol-d4	7.252	132	324910	37.31	ng/ul	0.00
15) 4-Methylphenol-d8	8.428	113	410077	37.51	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	172087	39.42	ng/ul	0.00
24) 2-Nitrophenol-d4	9.587	143	184512	39.32	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	408856	38.21	ng/ul	0.00
31) 4-Chloroaniline-d4	10.640	131	473003	37.50	ng/ul	0.00
46) Dimethylphthalate-d6	13.775	166	1483443	41.12	ng/ul	0.00
49) Acenaphthylene-d8	14.057	160	1642520	39.37	ng/ul	0.00
54) 4-Nitrophenol-d4	14.581	143	238338	41.59	ng/ul	0.00
60) Fluorene-d10	15.363	176	1247944	40.15	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	273691	44.09	ng/ul	0.00
73) Anthracene-d10	17.216	188	2064790	38.95	ng/ul	0.00
81) Pyrene-d10	19.522	212	2716294	37.32	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.445	264	3848088	39.09	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	49283	11.90	ng/uL#	77
5) Pyridine	3.652	79	255098	27.41	ng/ul	98
6) Benzaldehyde	6.863	77	285372	37.68	ng/ul	100
8) Phenol	6.922	94	483981	33.45	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.146	93	357304	31.99	ng/ul	97
12) 2-Chlorophenol	7.287	128	291833	32.01	ng/ul	96
13) 2-Methylphenol	8.157	108	355653	33.47	ng/ul	89
14) 2,2'-oxybis(1-Chloropr...	8.252	45	228072	32.37	ng/ul	93
16) Acetophenone	8.534	105	620949	34.31	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.522	70	303919	34.86	ng/ul#	96
18) 4-Methylphenol	8.487	108	397846	34.33	ng/ul	99
19) Hexachloroethane	8.793	117	133254	29.20	ng/ul	92
22) Nitrobenzene	8.910	77	459512	33.73	ng/ul	97
23) Isophorone	9.434	82	895447	34.61	ng/ul	99
25) 2-Nitrophenol	9.622	139	173756	34.84	ng/ul	93
26) 2,4-Dimethylphenol	9.687	107	479709	31.25	ng/ul	92
27) Bis(2-Chloroethoxy)met...	9.922	93	526234	33.48	ng/ul#	96
29) 2,4-Dichlorophenol	10.157	162	353160	34.42	ng/ul	95
30) Naphthalene	10.551	128	1046977	33.24	ng/ul	98
32) 4-Chloroaniline	10.663	127	429012	31.96	ng/ul	98
33) Hexachlorobutadiene	10.840	225	291615	31.78	ng/ul	95
34) Caprolactam	11.416	113	117814m	35.54	ng/ul	
35) 4-Chloro-3-methylphenol	11.798	107	544537	36.62	ng/ul	96
36) 2-Methylnaphthalene	12.175	142	780764	33.25	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.393	142	788263	34.15	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.545	216	558489	32.53	ng/ul#	97
40) Hexachlorocyclopentadiene	12.528	237	311407	27.38	ng/ul	95
41) 2,4,6-Trichlorophenol	12.793	196	342283	35.50	ng/ul	95
42) 2,4,5-Trichlorophenol	12.869	196	381160	36.23	ng/ul	96
43) 1,1'-Biphenyl	13.198	154	1136893	35.00	ng/ul	96
44) 2-Chloronaphthalene	13.234	162	894220	34.36	ng/ul	98
45) 2-Nitroaniline	13.440	65	297524	37.53	ng/ul	95
47) Dimethylphthalate	13.828	163	1290404	36.16	ng/ul	99
48) 2,6-Dinitrotoluene	13.945	165	262804	39.63	ng/ul	96
50) Acenaphthylene	14.087	152	1340135	34.94	ng/ul	98
51) 3-Nitroaniline	14.275	138	229983	35.74	ng/ul	92
52) Acenaphthene	14.434	153	975497	35.10	ng/ul	97
53) 2,4-Dinitrophenol	14.481	184	113503	23.58	ng/ul	95
55) 4-Nitrophenol	14.598	109	279992	25.48	ng/ul	92
56) Dibenzofuran	14.769	168	1456354	35.23	ng/ul	91
57) 2,4-Dinitrotoluene	14.734	165	417609	39.52	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	14.998	232	398002	36.77	ng/ul	98
59) Diethylphthalate	15.198	149	1311755	38.24	ng/ul	97
61) Fluorene	15.422	166	1134561	36.48	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.416	204	663500	36.06	ng/ul	90
63) 4-Nitroaniline	15.439	138	262667	40.19	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.498	198	240583	39.62	ng/ul#	86
67) N-Nitrosodiphenylamine	15.634	169	1097392	35.90	ng/ul	97
68) 4-Bromophenyl-phenylether	16.316	248	531368	35.96	ng/ul	94
69) Hexachlorobenzene	16.428	284	645918	34.94	ng/ul	96
70) Atrazine	16.586	200	474784	37.56	ng/ul	93
71) Pentachlorophenol	16.775	266	333510	31.33	ng/ul	95
72) Phenanthrene	17.163	178	2184517	36.84	ng/ul	98
74) Anthracene	17.251	178	2169503	36.30	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.157	216	589577	31.44	ng/uL	90
76) Pentachlorobenzene	14.692	250	657037	33.88	ng/uL	97
77) Carbazole	17.528	167	1953061	38.78	ng/ul	97
78) Di-n-butylphthalate	18.098	149	2234579	37.65	ng/ul	98
80) Fluoranthene	19.186	202	2936827	34.22	ng/ul	100
82) Pyrene	19.551	202	3021897	34.24	ng/ul	97
83) Butylbenzylphthalate	20.463	149	1061242	35.79	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.239	252	1155718	39.71	ng/ul	95
85) Benzo(a)anthracene	21.304	228	3393134	35.27	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.245	149	1526985	35.72	ng/ul	97
87) Chrysene	21.357	228	3263898	33.68	ng/ul	98
89) Di-n-octyl phthalate	22.133	149	3179724	38.89	ng/ul	100
90) Benzo(b)fluoranthene	22.910	252	3991187	35.98	ng/ul	97
91) Benzo(k)fluoranthene	22.951	252	4013619	36.32	ng/ul	99
93) Benzo(a)pyrene	23.492	252	3688601	36.75	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	25.880	276	5119414	37.22	ng/ul	98
95) Dibenzo(a,h)anthracene	25.898	278	4205053	36.94	ng/ul	98
96) Benzo(g,h,i)perylene	26.580	276	4426642	36.37	ng/ul#	93

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

