

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061021\
 Data File : BN014862.D
 Acq On : 10 Jun 2021 11:51
 Operator : CG/JU
 Sample : PB136905BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS905

Manual Integrations
 APPROVED

mohammad
 6/11/2021 2:13:03 PM

Quant Time: Jun 10 12:39:54 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	197977	20.00	ng/ul	0.00
20) Naphthalene-d8	10.481	136	778369	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.345	164	555202	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	1249160	20.00	ng/ul	# 0.00
79) Chrysene-d12	21.304	240	1377956	20.00	ng/ul	0.00
88) Perylene-d12	23.556	264	1434873	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	28462	5.85	ng/uL	0.00
4) Pyridine-d5	3.610	84	328973	26.87	ng/ul	0.00
7) Phenol-d5	6.869	99	615832	31.77	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	293502	30.45	ng/ul	0.00
11) 2-Chlorophenol-d4	7.228	132	448733	37.38	ng/ul	0.00
15) 4-Methylphenol-d8	8.404	113	498648	33.08	ng/ul	0.00
21) Nitrobenzene-d5	8.851	128	231128	39.42	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	248006	39.35	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.104	165	528586	36.78	ng/ul	0.00
31) 4-Chloroaniline-d4	10.616	131	568884	33.58	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	1677843	38.04	ng/ul	0.00
49) Acenaphthylene-d8	14.033	160	1909032	37.43	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	256931	36.67	ng/ul	0.00
60) Fluorene-d10	15.345	176	1401909	36.89	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	272601	39.90	ng/ul	0.00
73) Anthracene-d10	17.198	188	2188212	37.50	ng/ul	0.00
81) Pyrene-d10	19.504	212	2667238	41.05	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.415	264	3238875	42.38	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	62562	10.96	ng/uL#	85
5) Pyridine	3.628	79	317518	24.75	ng/ul	95
6) Benzaldehyde	6.840	77	343780	32.93	ng/ul	92
8) Phenol	6.899	94	551069	27.63	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.122	93	419754	27.26	ng/ul	98
12) 2-Chlorophenol	7.263	128	413194	32.88	ng/ul#	89
13) 2-Methylphenol	8.140	108	416474	28.43	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.216	45	262899	27.07	ng/ul	93
16) Acetophenone	8.510	105	737068	29.54	ng/ul	89
17) N-Nitroso-di-n-propyla...	8.498	70	330341	27.49	ng/ul#	93
18) 4-Methylphenol	8.463	108	462828	28.97	ng/ul	96
19) Hexachloroethane	8.763	117	200211	31.82	ng/ul#	88
22) Nitrobenzene	8.887	77	530533	28.99	ng/ul	95
23) Isophorone	9.410	82	986620	28.39	ng/ul	96
25) 2-Nitrophenol	9.598	139	228815	34.16	ng/ul#	89
26) 2,4-Dimethylphenol	9.663	107	485752	23.56	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.898	93	594566	28.16	ng/ul#	97
29) 2,4-Dichlorophenol	10.128	162	452973	32.87	ng/ul	94
30) Naphthalene	10.528	128	1331291	31.47	ng/ul#	96
32) 4-Chloroaniline	10.640	127	517462	28.70	ng/ul	95
33) Hexachlorobutadiene	10.822	225	406473	32.99	ng/ul	89
34) Caprolactam	11.398	113	152652m	34.28	ng/ul	
35) 4-Chloro-3-methylphenol	11.775	107	630874	31.59	ng/ul	100
36) 2-Methylnaphthalene	12.151	142	994240	31.53	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.369	142	968819	31.25	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.522	216	677666	32.28	ng/ul	95
40) Hexachlorocyclopentadiene	12.504	237	307166	22.09	ng/ul	98
41) 2,4,6-Trichlorophenol	12.769	196	421905	35.79	ng/ul	95
42) 2,4,5-Trichlorophenol	12.839	196	454956	35.36	ng/ul	92
43) 1,1'-Biphenyl	13.175	154	1347180	33.92	ng/ul#	95
44) 2-Chloronaphthalene	13.210	162	1100221	34.57	ng/ul	96
45) 2-Nitroaniline	13.416	65	312965	32.29	ng/ul	91
47) Dimethylphthalate	13.804	163	1519775	34.83	ng/ul	99
48) 2,6-Dinitrotoluene	13.922	165	312721	38.57	ng/ul	97
50) Acenaphthylene	14.069	152	1591571	33.94	ng/ul	96
51) 3-Nitroaniline	14.251	138	273462	34.76	ng/ul	84
52) Acenaphthene	14.410	153	1141878	33.60	ng/ul	98
53) 2,4-Dinitrophenol	14.457	184	151956	25.82	ng/ul	97
55) 4-Nitrophenol	14.575	109	333319	24.81	ng/ul#	88
56) Dibenzofuran	14.745	168	1679260	33.22	ng/ul#	87
57) 2,4-Dinitrotoluene	14.716	165	478753	37.05	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.980	232	436291	32.97	ng/ul#	93
59) Diethylphthalate	15.180	149	1530131	36.48	ng/ul	96
61) Fluorene	15.398	166	1278476	33.62	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.398	204	719486	31.98	ng/ul#	85
63) 4-Nitroaniline	15.422	138	279453	34.97	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.480	198	255907	38.29	ng/ul#	93
67) N-Nitrosodiphenylamine	15.616	169	1210191	35.97	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	574894	35.34	ng/ul#	82
69) Hexachlorobenzene	16.410	284	701255	34.46	ng/ul	98
70) Atrazine	16.569	200	498505	35.83	ng/ul	98
71) Pentachlorophenol	16.751	266	384378	32.81	ng/ul	96
72) Phenanthrene	17.139	178	2329804	35.70	ng/ul	98
74) Anthracene	17.233	178	2261080m	34.37	ng/ul	
75) 1,2,3,4-Tetrachloroben...	13.139	216	709598	34.38	ng/uL	95
76) Pentachlorobenzene	14.669	250	747552	35.02	ng/uL	96
77) Carbazole	17.504	167	2021425	36.46	ng/ul	96
78) Di-n-butylphthalate	18.074	149	2540920	38.90	ng/ul	99
80) Fluoranthene	19.168	202	2962717	38.67	ng/ul	96
82) Pyrene	19.533	202	2964502	37.63	ng/ul	97
83) Butylbenzylphthalate	20.439	149	1155354	43.64	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.221	252	949348	36.54	ng/ul	98
85) Benzo(a)anthracene	21.286	228	3035225m	35.34	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.227	149	1566629	41.05	ng/ul	99
87) Chrysene	21.339	228	3056503	35.34	ng/ul	97
89) Di-n-octyl phthalate	22.109	149	3096154	48.77	ng/ul	100
90) Benzo(b)fluoranthene	22.880	252	3506679	40.72	ng/ul	95
91) Benzo(k)fluoranthene	22.927	252	3389383m	39.51	ng/ul	
93) Benzo(a)pyrene	23.462	252	3001971	38.52	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.827	276	4028730m	37.73	ng/ul	
95) Dibenzo(a,h)anthracene	25.850	278	3331077	37.70	ng/ul	100
96) Benzo(g,h,i)perylene	26.533	276	3515979	37.21	ng/ul	95

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

