

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
 Data File : BN014900.D
 Acq On : 14 Jun 2021 10:35
 Operator : CG/JU
 Sample : PB137047BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS047

Manual Integrations
 APPROVED

mohammad
 6/15/2021 2:41:41 PM

Quant Time: Jun 14 11:45:04 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 14 10:46:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	90722	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	339494	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.345	164	241340	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	587990	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.298	240	701307	20.000	ng/ul	0.00
88) Perylene-d12	23.551	264	769391	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	10568m	6.194	ng/uL	0.00
4) Pyridine-d5	3.605	84	110572	27.863	ng/ul	0.00
7) Phenol-d5	6.869	99	228682	33.652	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	109892	34.135	ng/ul	0.00
11) 2-Chlorophenol-d4	7.228	132	179724	34.493	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	192006	33.156	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	90607	35.567	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	106482	36.857	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.105	165	223532	38.428	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	221815	32.199	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	712790	37.151	ng/ul	0.00
49) Acenaphthylene-d8	14.034	160	820205	39.112	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	97010	35.995	ng/ul	0.00
60) Fluorene-d10	15.345	176	602621	38.504	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	132457	37.687	ng/ul	0.00
73) Anthracene-d10	17.198	188	957367	35.978	ng/ul	0.00
81) Pyrene-d10	19.498	212	1220222	37.723	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.410	264	1572501	40.896	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	28146	14.791	ng/uL#	93
5) Pyridine	3.622	79	127397	30.950	ng/ul#	80
6) Benzaldehyde	6.834	77	152649	44.696	ng/ul	95
8) Phenol	6.893	94	238685	35.401	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.122	93	173922	34.184	ng/ul	97
12) 2-Chlorophenol	7.258	128	193242	34.910	ng/ul	93
13) 2-Methylphenol	8.134	108	184227	34.501	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.222	45	111579	33.706	ng/ul	98
16) Acetophenone	8.510	105	333094	35.745	ng/ul#	91
17) N-Nitroso-di-n-propyla...	8.499	70	154175	35.005	ng/ul#	91
18) 4-Methylphenol	8.463	108	207456	36.112	ng/ul	97
19) Hexachloroethane	8.763	117	99175	34.528	ng/ul#	85
22) Nitrobenzene	8.887	77	253899	37.364	ng/ul#	92
23) Isophorone	9.405	82	447860	36.542	ng/ul#	91
25) 2-Nitrophenol	9.599	139	111453	38.097	ng/ul	88
26) 2,4-Dimethylphenol	9.663	107	229953	29.228	ng/ul	88
27) Bis(2-Chloroethoxy)met...	9.893	93	256083	38.204	ng/ul#	94
29) 2,4-Dichlorophenol	10.128	162	214433	38.771	ng/ul	94
30) Naphthalene	10.528	128	601708	35.316	ng/ul	96
32) 4-Chloroaniline	10.640	127	235553	34.629	ng/ul	92
33) Hexachlorobutadiene	10.816	225	197692	36.237	ng/ul	93
34) Caprolactam	11.393	113	64090m	37.526	ng/ul	
35) 4-Chloro-3-methylphenol	11.775	107	289020	40.265	ng/ul	94
36) 2-Methylnaphthalene	12.146	142	460933	36.896	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.369	142	442692	35.099	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.522	216	328773	39.200	ng/ul#	93
40) Hexachlorocyclopentadiene	12.504	237	183766	29.557	ng/ul	96
41) 2,4,6-Trichlorophenol	12.763	196	198506	40.789	ng/ul	89
42) 2,4,5-Trichlorophenol	12.840	196	221894	41.455	ng/ul	90
43) 1,1'-Biphenyl	13.169	154	631078	38.066	ng/ul#	95
44) 2-Chloronaphthalene	13.210	162	523720	39.556	ng/ul	99
45) 2-Nitroaniline	13.416	65	160234	41.327	ng/ul	95
47) Dimethylphthalate	13.804	163	722099	39.933	ng/ul#	95
48) 2,6-Dinitrotoluene	13.922	165	149709	42.734	ng/ul	96
50) Acenaphthylene	14.063	152	725441	38.144	ng/ul	99
51) 3-Nitroaniline	14.251	138	124550	42.991	ng/ul#	73
52) Acenaphthene	14.410	153	550924	38.996	ng/ul	95
53) 2,4-Dinitrophenol	14.457	184	78560	40.675	ng/ul	92
55) 4-Nitrophenol	14.569	109	188834	41.995	ng/ul#	80
56) Dibenzofuran	14.745	168	819771	39.828	ng/ul#	82
57) 2,4-Dinitrotoluene	14.716	165	235835	43.466	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.975	232	198109	39.197	ng/ul#	85
59) Diethylphthalate	15.175	149	732755	39.875	ng/ul	97
61) Fluorene	15.398	166	638607	38.800	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.392	204	361895	39.550	ng/ul#	72
63) 4-Nitroaniline	15.416	138	134582m	47.181	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.481	198	131246	38.258	ng/ul#	83
67) N-Nitrosodiphenylamine	15.610	169	584001	38.263	ng/ul	97
68) 4-Bromophenyl-phenylether	16.292	248	278640	39.450	ng/ul#	77
69) Hexachlorobenzene	16.404	284	335074	36.629	ng/ul#	85
70) Atrazine	16.563	200	188369	27.281	ng/ul	93
71) Pentachlorophenol	16.751	266	171792	38.333	ng/ul	96
72) Phenanthrene	17.139	178	1139916	38.736	ng/ul	97
74) Anthracene	17.234	178	1118673	37.678	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.134	216	329072	36.852	ng/uL	91
76) Pentachlorobenzene	14.669	250	354655	36.079	ng/uL	99
77) Carbazole	17.504	167	981449	39.552	ng/ul	96
78) Di-n-butylphthalate	18.075	149	1237409	39.963	ng/ul#	97
80) Fluoranthene	19.169	202	1492228	40.143	ng/ul#	91
82) Pyrene	19.528	202	1522751	38.626	ng/ul#	93
83) Butylbenzylphthalate	20.439	149	601356	41.393	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.222	252	521235	40.556	ng/ul	95
85) Benzo(a)anthracene	21.286	228	1625964	39.583	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.222	149	873117	40.795	ng/ul	97
87) Chrysene	21.339	228	1631052	40.067	ng/ul	97
89) Di-n-octyl phthalate	22.110	149	1672876	41.645	ng/ul	100
90) Benzo(b)fluoranthene	22.880	252	1936737	43.321	ng/ul	96
91) Benzo(k)fluoranthene	22.921	252	1807742m	41.133	ng/ul	
93) Benzo(a)pyrene	23.463	252	1645371	40.523	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.833	276	2282333	43.640	ng/ul	99
95) Dibenzo(a,h)anthracene	25.845	278	1868386	43.649	ng/ul	95
96) Benzo(g,h,i)perylene	26.521	276	1930369	42.029	ng/ul#	94

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

