

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
 Data File : BN022087.D
 Acq On : 13 Oct 2022 14:21
 Operator : CG/JU
 Sample : PB148217BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS217

Quant Time: Oct 13 22:39:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 13 03:08:08 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2022
 Supervised By :mohammad ahmed 10/16/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	113757	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	557799	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.634	164	367418	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.387	188	733529	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	751721	20.000	ng/u1	0.00
88) Perylene-d12	24.057	264	799089	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	19586	6.526	ng/uL	0.00
4) Pyridine-d5	3.693	84	275658	29.526	ng/u1	0.00
7) Phenol-d5	7.117	99	394034	35.432	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	245469	35.224	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	283006	36.703	ng/u1	0.00
15) 4-Methylphenol-d8	8.681	113	311886	35.294	ng/u1	0.00
21) Nitrobenzene-d5	9.140	128	147513	36.066	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	156379	37.302	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.405	165	291383	37.029	ng/u1	0.00
31) 4-Chloroaniline-d4	10.934	131	401308	31.193	ng/u1	0.00
46) Dimethylphthalate-d6	14.046	166	901953	35.216	ng/u1	0.00
49) Acenaphthylene-d8	14.328	160	1034846	36.182	ng/u1	0.00
54) 4-Nitrophenol-d4	14.834	143	194456	35.570	ng/u1	0.00
60) Fluorene-d10	15.628	176	777642	35.998	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	151589	36.225	ng/u1	0.00
73) Anthracene-d10	17.487	188	1150264	36.085	ng/u1	0.00
81) Pyrene-d10	19.786	212	1288874	34.437	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.898	264	1411191	36.010	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	41416	12.661	ng/uL	98
5) Pyridine	3.711	79	290561	31.371	ng/u1	99
6) Benzaldehyde	7.087	77	246966	44.970	ng/u1	99
8) Phenol	7.140	94	408332	34.593	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.381	93	316614	33.716	ng/u1	98
12) 2-Chlorophenol	7.516	128	298474	35.056	ng/u1	97
13) 2-Methylphenol	8.411	108	299165	33.898	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.499	45	454512	33.824	ng/u1	99
16) Acetophenone	8.799	105	485719	34.403	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.781	70	259248	34.475	ng/u1	98
18) 4-Methylphenol	8.746	108	340165	34.423	ng/u1	98
19) Hexachloroethane	9.046	117	114518	34.451	ng/u1	95
22) Nitrobenzene	9.181	77	380721	35.251	ng/u1	100
23) Isophorone	9.711	82	732512	34.353	ng/u1	99
25) 2-Nitrophenol	9.899	139	178561	36.091	ng/u1	98
26) 2,4-Dimethylphenol	9.958	107	362786	34.778	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.199	93	456012	34.201	ng/u1	98
29) 2,4-Dichlorophenol	10.434	162	285593	34.800	ng/u1	98
30) Naphthalene	10.840	128	1019500	34.119	ng/u1	99
32) 4-Chloroaniline	10.958	127	413299	30.989	ng/u1	98
33) Hexachlorobutadiene	11.122	225	151439	33.630	ng/u1	95
34) Caprolactam	11.740	113	105703m	33.149	ng/u1	
35) 4-Chloro-3-methylphenol	12.081	107	351398	35.516	ng/u1	99
36) 2-Methylnaphthalene	12.457	142	704349	34.133	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.675	142	696783	33.719	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.822	216	319016	33.471	ng/ul	96
40) Hexachlorocyclopentadiene	12.799	237	179093	33.611	ng/ul#	85
41) 2,4,6-Trichlorophenol	13.063	196	226248	34.812	ng/ul	93
42) 2,4,5-Trichlorophenol	13.134	196	255482	35.299	ng/ul	99
43) 1,1'-Biphenyl	13.463	154	911453	33.981	ng/ul	97
44) 2-Chloronaphthalene	13.510	162	714181	34.078	ng/ul	95
45) 2-Nitroaniline	13.722	65	234575	36.130	ng/ul	99
47) Dimethylphthalate	14.093	163	919210	33.388	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	184192	35.718	ng/ul	97
50) Acenaphthylene	14.357	152	1157817	35.448	ng/ul	99
51) 3-Nitroaniline	14.546	138	209853	34.465	ng/ul	99
52) Acenaphthene	14.698	153	783426	33.824	ng/ul	99
53) 2,4-Dinitrophenol	14.751	184	108160	30.962	ng/ul	99
55) 4-Nitrophenol	14.851	109	151221	34.116	ng/ul	99
56) Dibenzofuran	15.034	168	1066529	33.744	ng/ul	100
57) 2,4-Dinitrotoluene	14.998	165	276405	36.588	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.257	232	201306	33.420	ng/ul	100
59) Diethylphthalate	15.451	149	934666	33.424	ng/ul	99
61) Fluorene	15.681	166	856623	33.713	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.675	204	402733	33.827	ng/ul	96
63) 4-Nitroaniline	15.710	138	230068	40.495	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.763	198	154798	34.455	ng/ul	99
67) N-Nitrosodiphenylamine	15.893	169	756506	35.662	ng/ul	96
68) 4-Bromophenyl-phenylether	16.575	248	237839	36.704	ng/ul	90
69) Hexachlorobenzene	16.687	284	284520	36.071	ng/ul	93
70) Atrazine	16.845	200	265396	37.151	ng/ul	99
71) Pentachlorophenol	17.034	266	172594	35.386	ng/ul	92
72) Phenanthrene	17.428	178	1405092	35.509	ng/ul	98
74) Anthracene	17.522	178	1434362	36.495	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.428	216	341594	37.024	ng/uL	95
76) Pentachlorobenzene	14.946	250	316154	31.926	ng/uL#	91
77) Carbazole	17.798	167	1338832	36.828	ng/ul	98
78) Di-n-butylphthalate	18.357	149	1647229	36.561	ng/ul	99
80) Fluoranthene	19.451	202	1617676	34.433	ng/ul	98
82) Pyrene	19.816	202	1640253	33.372	ng/ul	98
83) Butylbenzylphthalate	20.716	149	770349	36.125	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.504	252	540228	33.230	ng/ul	97
85) Benzo(a)anthracene	21.569	228	1646667	34.282	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.492	149	1126823	36.535	ng/ul	100
87) Chrysene	21.628	228	1501567	32.530	ng/ul	97
89) Di-n-octyl phthalate	22.439	149	2039155	36.017	ng/ul	100
90) Benzo(b)fluoranthene	23.298	252	1779209	35.302	ng/ul	99
91) Benzo(k)fluoranthene	23.351	252	1805882	36.268	ng/ul	97
93) Benzo(a)pyrene	23.951	252	1553757	34.494	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.645	276	1991285m	35.369	ng/ul	
95) Dibenzo(a,h)anthracene	26.668	278	1749891	34.740	ng/ul	99
96) Benzo(g,h,i)perylene	27.451	276	1665622	32.884	ng/ul	98

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

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