

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061722\
 Data File : BN020259.D
 Acq On : 18 Jun 2022 12:44
 Operator : CG/JU
 Sample : PB145580BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS580

Quant Time: Jun 20 02:23:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 17 22:53:31 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2022
 Supervised By :mohammad ahmed 06/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	120886	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	592927	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.416	164	385452	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.163	188	784254	20.000	ng/u1	0.00
79) Chrysene-d12	21.351	240	663654	20.000	ng/u1	0.00
88) Perylene-d12	23.668	264	552308	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	21241	7.610	ng/uL	0.00
4) Pyridine-d5	3.658	84	305300	40.021	ng/u1	0.00
7) Phenol-d5	6.981	99	449314	44.918	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	266365	42.621	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	364631	44.863	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	398245	46.017	ng/u1	0.00
21) Nitrobenzene-d5	8.940	128	190644	42.263	ng/u1	0.00
24) 2-Nitrophenol-d4	9.663	143	211652	44.211	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	374823	44.850	ng/u1	0.00
31) 4-Chloroaniline-d4	10.710	131	530225	39.178	ng/u1	0.00
46) Dimethylphthalate-d6	13.834	166	1149339	40.980	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	1370411	42.134	ng/u1	0.00
54) 4-Nitrophenol-d4	14.657	143	217635	38.725	ng/u1	0.00
60) Fluorene-d10	15.410	176	955733	41.181	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	203765	44.854	ng/u1	0.00
73) Anthracene-d10	17.263	188	1456908	42.566	ng/u1	0.00
81) Pyrene-d10	19.557	212	1584021	44.028	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.515	264	1209527	44.759	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	45833	15.555	ng/uL	96
5) Pyridine	3.675	79	324468	40.572	ng/u1	93
6) Benzaldehyde	6.928	77	264564	56.132	ng/u1	95
8) Phenol	7.005	94	493509	46.332	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.216	93	360928	43.294	ng/u1	98
12) 2-Chlorophenol	7.363	128	383907	45.189	ng/u1	98
13) 2-Methylphenol	8.246	108	376890	46.026	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.322	45	570124	43.611	ng/u1	97
16) Acetophenone	8.604	105	593938	45.128	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.599	70	299270	44.513	ng/u1	94
18) 4-Methylphenol	8.575	108	423160	46.821	ng/u1	96
19) Hexachloroethane	8.863	117	142993	41.830	ng/u1	87
22) Nitrobenzene	8.981	77	442655	42.323	ng/u1	98
23) Isophorone	9.510	82	856446	41.473	ng/u1	98
25) 2-Nitrophenol	9.693	139	234944	44.414	ng/u1	99
26) 2,4-Dimethylphenol	9.769	107	460033	41.977	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.993	93	530545	41.982	ng/u1	99
29) 2,4-Dichlorophenol	10.240	162	385676	44.613	ng/u1	99
30) Naphthalene	10.628	128	1272986	41.426	ng/u1	100
32) 4-Chloroaniline	10.740	127	537777	39.727	ng/u1	99
33) Hexachlorobutadiene	10.922	225	201215	40.541	ng/u1	96
34) Caprolactam	11.498	113	144995m	42.950	ng/u1	
35) 4-Chloro-3-methylphenol	11.887	107	474852	46.519	ng/u1	100
36) 2-Methylnaphthalene	12.240	142	880179	42.367	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.457	142	911088	42.975	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.616	216	407160	41.417	ng/ul	98
40) Hexachlorocyclopentadiene	12.598	237	202414	33.848	ng/ul	92
41) 2,4,6-Trichlorophenol	12.857	196	298782	44.078	ng/ul	97
42) 2,4,5-Trichlorophenol	12.945	196	329592	43.902	ng/ul	97
43) 1,1'-Biphenyl	13.257	154	1179384	41.321	ng/ul	97
44) 2-Chloronaphthalene	13.292	162	904302	41.764	ng/ul	96
45) 2-Nitroaniline	13.498	65	310193	46.049	ng/ul	96
47) Dimethylphthalate	13.881	163	1186288	42.017	ng/ul	100
48) 2,6-Dinitrotoluene	13.998	165	251698	45.596	ng/ul	95
50) Acenaphthylene	14.139	152	1517965	42.154	ng/ul	99
51) 3-Nitroaniline	14.322	138	264961	45.402	ng/ul	99
52) Acenaphthene	14.481	153	971411	41.299	ng/ul	98
53) 2,4-Dinitrophenol	14.534	184	146379	41.417	ng/ul	96
55) 4-Nitrophenol	14.669	109	186931	38.966	ng/ul	99
56) Dibenzofuran	14.816	168	1366959	41.250	ng/ul	95
57) 2,4-Dinitrotoluene	14.787	165	368952	45.140	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.051	232	255776	43.402	ng/ul	92
59) Diethylphthalate	15.245	149	1220956	42.003	ng/ul	97
61) Fluorene	15.469	166	1072644	41.598	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.463	204	488891	41.169	ng/ul	90
63) 4-Nitroaniline	15.486	138	265104	48.614	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.551	198	206271	44.785	ng/ul	93
67) N-Nitrosodiphenylamine	15.675	169	974367	43.337	ng/ul	98
68) 4-Bromophenyl-phenylether	16.357	248	300647	44.021	ng/ul	91
69) Hexachlorobenzene	16.481	284	329844	42.015	ng/ul	95
70) Atrazine	16.628	200	340194	43.366	ng/ul	96
71) Pentachlorophenol	16.822	266	208635	42.668	ng/ul	97
72) Phenanthrene	17.204	178	1773521	42.851	ng/ul	99
74) Anthracene	17.292	178	1785333	42.900	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.222	216	445276	42.400	ng/ul	99
76) Pentachlorobenzene	14.745	250	403016	43.420	ng/ul	96
77) Carbazole	17.569	167	1660866	43.868	ng/ul	98
78) Di-n-butylphthalate	18.133	149	2055071	43.774	ng/ul	100
80) Fluoranthene	19.222	202	2024417	46.589	ng/ul	98
82) Pyrene	19.586	202	1987482	44.583	ng/ul	95
83) Butylbenzylphthalate	20.492	149	961388	47.919	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.269	252	558347	44.049	ng/ul#	97
85) Benzo(a)anthracene	21.339	228	1776407	42.389	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.274	149	1373067	48.506	ng/ul#	96
87) Chrysene	21.392	228	1720202	41.957	ng/ul	98
89) Di-n-octyl phthalate	22.174	149	2471222	54.974	ng/ul	100
90) Benzo(b)fluoranthene	22.968	252	1622442	46.805	ng/ul#	97
91) Benzo(k)fluoranthene	23.015	252	1503197m	45.554	ng/ul	
93) Benzo(a)pyrene	23.568	252	1522396	45.372	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.045	276	1490872	43.186	ng/ul#	90
95) Dibenzo(a,h)anthracene	26.051	278	1266450	42.950	ng/ul	96
96) Benzo(g,h,i)perylene	26.768	276	1283486	44.026	ng/ul	96

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

