

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040624\
 Data File : BN030723.D
 Acq On : 07 Apr 2024 00:59
 Operator : MA/JU
 Sample : PB159989BS
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS989

Quant Time: Apr 07 13:28:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 31 12:24:07 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/08/2024
 Supervised By :mohammad ahmed 04/08/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	39843	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.469	136	192181	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.334	164	138602	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.081	188	302427	20.000	ng/u1	0.00
79) Chrysene-d12	21.316	240	300052	20.000	ng/u1	-0.01
88) Perylene-d12	24.251	264	297587	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	24637	28.991	ng/uL	0.00
4) Pyridine-d5	3.593	84	367778	144.343	ng/u1	0.00
7) Phenol-d5	6.858	99	526288	163.286	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	306213	153.818	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.222	132	424463	173.600	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	443197	164.069	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	223486	167.638	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	236986	194.318	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.093	165	455564	170.626	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	665548	151.414	ng/u1	-0.01
46) Dimethylphthalate-d6	13.745	166	1475405	159.437	ng/u1	-0.01
49) Acenaphthylene-d8	14.022	160	1660910	156.104	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.540	143	304152	171.830	ng/u1	0.00
60) Fluorene-d10	15.328	176	1251526	154.550	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.451	200	233083	174.608	ng/u1	0.00
73) Anthracene-d10	17.175	188	2023182	155.266	ng/u1	-0.01
81) Pyrene-d10	19.480	212	2423081	150.203	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.057	264	2511647	183.170	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.223	88	49822	54.731	ng/uL	97
5) Pyridine	3.617	79	350513	136.333	ng/u1	98
6) Benzaldehyde	6.834	77	264154	175.989	ng/u1	96
8) Phenol	6.887	94	526109	156.688	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.122	93	415783	151.853	ng/u1	99
12) 2-Chlorophenol	7.252	128	423932	161.627	ng/u1	95
13) 2-Methylphenol	8.128	108	405770	156.828	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.210	45	545083	141.379	ng/u1	98
16) Acetophenone	8.510	105	665128	155.951	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.499	70	334665	155.797	ng/u1	98
18) 4-Methylphenol	8.458	108	452997	156.395	ng/u1	99
19) Hexachloroethane	8.758	117	171223	155.704	ng/u1	98
22) Nitrobenzene	8.887	77	489517	150.417	ng/u1	98
23) Isophorone	9.410	82	996672	153.565	ng/u1	99
25) 2-Nitrophenol	9.593	139	251173	175.237	ng/u1	97
26) 2,4-Dimethylphenol	9.652	107	446183	140.058	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.893	93	606234	146.913	ng/u1	99
29) 2,4-Dichlorophenol	10.122	162	430623	158.013	ng/u1	99
30) Naphthalene	10.522	128	1458001	147.922	ng/u1	100
32) 4-Chloroaniline	10.634	127	567667	134.005	ng/u1	99
33) Hexachlorobutadiene	10.799	225	263146	153.403	ng/u1	93
34) Caprolactam	11.416	113	173514m	170.429	ng/u1	
35) 4-Chloro-3-methylphenol	11.763	107	510708	166.383	ng/u1	99
36) 2-Methylnaphthalene	12.140	142	1047325	152.150	ng/u1	97

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37) 1-Methylnaphthalene	12.363	142	1038755	148.656	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.510	216	523659	146.400	ng/ul	97
40) Hexachlorocyclopentadiene	12.487	237	285066	140.335	ng/ul	100
41) 2,4,6-Trichlorophenol	12.751	196	367361	164.355	ng/ul	97
42) 2,4,5-Trichlorophenol	12.822	196	409428	162.197	ng/ul	98
43) 1,1'-Biphenyl	13.163	154	1377251	145.785	ng/ul	99
44) 2-Chloronaphthalene	13.198	162	1087382	146.216	ng/ul	98
45) 2-Nitroaniline	13.416	65	332767	168.139	ng/ul	97
47) Dimethylphthalate	13.798	163	1476454	154.454	ng/ul	100
48) 2,6-Dinitrotoluene	13.916	165	302482	170.669	ng/ul	96
50) Acenaphthylene	14.051	152	1856439	151.010	ng/ul	100
51) 3-Nitroaniline	14.245	138	329209	175.002	ng/ul	94
52) Acenaphthene	14.393	153	1205473	147.146	ng/ul	99
53) 2,4-Dinitrophenol	14.445	184	143423	176.187	ng/ul	94
55) 4-Nitrophenol	14.557	109	231726	165.238	ng/ul	97
56) Dibenzofuran	14.734	168	1708781	150.053	ng/ul	97
57) 2,4-Dinitrotoluene	14.704	165	461524	178.363	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.957	232	347579	165.795	ng/ul	97
59) Diethylphthalate	15.169	149	1523425	156.873	ng/ul	100
61) Fluorene	15.381	166	1342971	148.367	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.381	204	644846	145.207	ng/ul	95
63) 4-Nitroaniline	15.410	138	360533	197.136	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.463	198	254047	177.118	ng/ul	96
67) N-Nitrosodiphenylamine	15.598	169	1228720	149.186	ng/ul	98
68) 4-Bromophenyl-phenylether	16.275	248	436109	151.860	ng/ul	95
69) Hexachlorobenzene	16.381	284	483488	142.977	ng/ul	97
70) Atrazine	16.551	200	386109	135.253	ng/ul	98
71) Pentachlorophenol	16.722	266	309959	155.461	ng/ul	95
72) Phenanthrene	17.122	178	2314440	148.955	ng/ul	99
74) Anthracene	17.216	178	2353575	149.838	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.122	216	529508	142.516	ng/ul	97
76) Pentachlorobenzene	14.645	250	543169	143.929	ng/ul	97
77) Carbazole	17.486	167	2242157	162.770	ng/ul	99
78) Di-n-butylphthalate	18.057	149	2806818	167.027	ng/ul	100
80) Fluoranthene	19.145	202	2826300	147.381	ng/ul	100
82) Pyrene	19.510	202	2827007	139.585	ng/ul	99
83) Butylbenzylphthalate	20.422	149	1349080	174.428	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.227	252	934820	169.556	ng/ul	99
85) Benzo(a)anthracene	21.298	228	2984822	149.055	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.233	149	1905454	167.058	ng/ul	100
87) Chrysene	21.363	228	2796267	147.942	ng/ul	100
89) Di-n-octyl phthalate	22.345	149	3532776	187.461	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	3064020	174.953	ng/ul	99
91) Benzo(k)fluoranthene	23.392	252	2988032	167.999	ng/ul	99
93) Benzo(a)pyrene	24.121	252	2824641	170.735	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.557	276	3175121	177.542	ng/ul	98
95) Dibenzo(a,h)anthracene	27.615	278	2687375	178.500	ng/ul	99
96) Benzo(g,h,i)perylene	28.586	276	2487854m	177.200	ng/ul	

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

