

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
 Data File : BN032120.D
 Acq On : 21 Jun 2024 07:06
 Operator : MA/JU
 Sample : P2710-23MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B87MSD

Quant Time: Jun 21 07:39:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 10:49:40 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay
 06/21/2024

Supervised By :mohammad
 ahmed
 06/21/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	413738	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	1918945	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.287	164	1287866	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.034	188	2531294	20.000	ng/u1	0.00
79) Chrysene-d12	21.275	240	1382308	20.000	ng/u1	0.00
88) Perylene-d12	24.186	264	1642544	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	47540	4.754	ng/uL	0.00
4) Pyridine-d5	3.570	84	386595	13.732	ng/u1	0.00
7) Phenol-d5	6.822	99	1129057	31.832	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	595227	28.690	ng/u1	0.00
11) 2-Chlorophenol-d4	7.175	132	995071	36.768	ng/u1	0.00
15) 4-Methylphenol-d8	8.358	113	970366	33.562	ng/u1	0.01
21) Nitrobenzene-d5	8.799	128	528233	36.002	ng/u1	0.00
24) 2-Nitrophenol-d4	9.511	143	589460	38.892	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.052	165	1060421	37.477	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	1026036	24.423	ng/u1	0.00
46) Dimethylphthalate-d6	13.704	166	3172045	35.355	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	3548526	34.397	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	540465	30.086	ng/u1	0.02
60) Fluorene-d10	15.281	176	2631696	34.667	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	481095	37.812	ng/u1	0.01
73) Anthracene-d10	17.134	188	3735626	34.471	ng/u1	0.00
81) Pyrene-d10	19.433	212	2937344	39.710	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	1754280	22.367	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	129405	12.094	ng/uL	96
5) Pyridine	3.587	79	522437	18.560	ng/u1	96
6) Benzaldehyde	6.793	77	481592	28.948	ng/u1	91
8) Phenol	6.846	94	1494312	41.397	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.075	93	1099169	36.826	ng/u1	97
12) 2-Chlorophenol	7.205	128	1221578	43.133	ng/u1	97
13) 2-Methylphenol	8.087	108	1151023	41.285	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.158	45	1237721	36.023	ng/u1	99
16) Acetophenone	8.463	105	1841278	42.022	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.458	70	830537	36.578	ng/u1#	94
18) 4-Methylphenol	8.422	108	1288838	42.646	ng/u1	99
19) Hexachloroethane	8.699	117	380217	31.703	ng/u1	90
22) Nitrobenzene	8.840	77	1298783	37.154	ng/u1	94
23) Isophorone	9.369	82	2617959	36.508	ng/u1	96
25) 2-Nitrophenol	9.546	139	773896	46.736	ng/u1	92
26) 2,4-Dimethylphenol	9.611	107	1081434	33.572	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.846	93	1629838	36.468	ng/u1	99
29) 2,4-Dichlorophenol	10.075	162	1285691	46.019	ng/u1	96
30) Naphthalene	10.469	128	4170957	41.998	ng/u1	99
32) 4-Chloroaniline	10.593	127	1204371	29.528	ng/u1	98
33) Hexachlorobutadiene	10.740	225	750552	44.730	ng/u1	98
34) Caprolactam	11.410	113	405437m	37.179	ng/u1	
35) 4-Chloro-3-methylphenol	11.728	107	1432575	43.868	ng/u1	98
36) 2-Methylnaphthalene	12.087	142	2956292	43.550	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.310	142	3024824	44.409	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.457	216	1515441	44.494	ng/ul	99
40) Hexachlorocyclopentadiene	12.428	237	387474	19.739	ng/ul	94
41) 2,4,6-Trichlorophenol	12.710	196	1063401	45.999	ng/ul	99
42) 2,4,5-Trichlorophenol	12.787	196	1178237	46.901	ng/ul	98
43) 1,1'-Biphenyl	13.116	154	3752053	41.420	ng/ul	95
44) 2-Chloronaphthalene	13.157	162	2962708	41.758	ng/ul	98
45) 2-Nitroaniline	13.375	65	832768	40.491	ng/ul#	85
47) Dimethylphthalate	13.751	163	3801620	41.431	ng/ul	99
48) 2,6-Dinitrotoluene	13.881	165	852958	46.766	ng/ul	97
50) Acenaphthylene	14.004	152	4741410	40.667	ng/ul	99
51) 3-Nitroaniline	14.210	138	841962	43.176	ng/ul	91
52) Acenaphthene	14.351	153	3370336	43.689	ng/ul	99
53) 2,4-Dinitrophenol	14.422	184	443569	48.173	ng/ul	93
55) 4-Nitrophenol	14.534	109	576905	43.292	ng/ul	88
56) Dibenzofuran	14.687	168	4401317	41.993	ng/ul	93
57) 2,4-Dinitrotoluene	14.675	165	1196013	44.690	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.916	232	939794	44.723	ng/ul	99
59) Diethylphthalate	15.122	149	3991894	42.161	ng/ul	98
61) Fluorene	15.340	166	3436638	40.718	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.334	204	1556241	38.069	ng/ul	93
63) 4-Nitroaniline	15.387	138	907606m	48.890	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.440	198	654793	48.410	ng/ul	100
67) N-Nitrosodiphenylamine	15.557	169	3097283	44.391	ng/ul	99
68) 4-Bromophenyl-phenylether	16.228	248	1137761	46.390	ng/ul	97
69) Hexachlorobenzene	16.334	284	1020985	36.730	ng/ul	96
70) Atrazine	16.516	200	983802	44.657	ng/ul	98
71) Pentachlorophenol	16.692	266	725540	40.796	ng/ul	96
72) Phenanthrene	17.087	178	9146010	70.928	ng/ul	99
74) Anthracene	17.169	178	6074269	46.489	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.075	216	1538109	47.209	ng/ul	99
76) Pentachlorobenzene	14.604	250	1277737	40.263	ng/ul	96
77) Carbazole	17.445	167	4786420	42.962	ng/ul	99
78) Di-n-butylphthalate	18.004	149	6908756	45.073	ng/ul	99
80) Fluoranthene	19.104	202	9731795	110.086	ng/ul	96
82) Pyrene	19.469	202	7527255	82.991	ng/ul	95
83) Butylbenzylphthalate	20.369	149	2627270	61.329	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.186	252	797281	30.077	ng/ul	94
85) Benzo(a)anthracene	21.251	228	6159252	66.569	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.175	149	3837715	61.456	ng/ul	98
87) Chrysene	21.316	228	5845444	67.637	ng/ul	98
89) Di-n-octyl phthalate	22.275	149	5834151	53.054	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	6636400	67.595	ng/ul	98
91) Benzo(k)fluoranthene	23.333	252	4978272	51.674	ng/ul	98
93) Benzo(a)pyrene	24.051	252	2883986	31.364	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.474	276	4439487m	41.897	ng/ul	
95) Dibenzo(a,h)anthracene	27.533	278	4349292	50.276	ng/ul	95
96) Benzo(g,h,i)perylene	28.486	276	450845	5.352	ng/ul	96

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

