

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061724\
 Data File : BN032033.D
 Acq On : 17 Jun 2024 14:52
 Operator : MA/JU
 Sample : P2696-09MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BN7MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/18/2024
 Supervised By :mohammad ahmed 06/19/2024

Quant Time: Jun 17 23:03:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 22:28:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	262262	20.000	ng/u1	0.00
20) Naphthalene-d8	10.434	136	1167097	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	751247	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1450599	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.286	240	839103	20.000	ng/u1	0.00
88) Perylene-d12	24.210	264	983993	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	32037	5.054	ng/uL	0.00
4) Pyridine-d5	3.581	84	227824	12.767	ng/u1	0.00
7) Phenol-d5	6.834	99	719621	32.007	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	386285	29.373	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.187	132	623941	36.370	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	590515	32.221	ng/u1	0.00
21) Nitrobenzene-d5	8.810	128	325207	36.443	ng/u1	0.00
24) 2-Nitrophenol-d4	9.528	143	360516	39.110	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	641255	37.263	ng/u1	0.00
31) 4-Chloroaniline-d4	10.581	131	514933	20.153	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	1870510	35.740	ng/u1	0.00
49) Acenaphthylene-d8	13.993	160	2151765	35.756	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	293108	27.971	ng/u1	0.00
60) Fluorene-d10	15.292	176	1559745	35.222	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	269509	36.963	ng/u1	0.00
73) Anthracene-d10	17.145	188	2189499	35.256	ng/u1	0.00
81) Pyrene-d10	19.445	212	1746846	38.903	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.016	264	1050408	22.356	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.205	88	87252	12.864	ng/uL	99
5) Pyridine	3.599	79	289852	16.245	ng/u1	96
6) Benzaldehyde	6.805	77	314443	29.818	ng/u1	94
8) Phenol	6.858	94	998338	43.631	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.087	93	731481	38.661	ng/u1	96
12) 2-Chlorophenol	7.222	128	802680	44.712	ng/u1	96
13) 2-Methylphenol	8.099	108	768621	43.492	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.175	45	815072	37.423	ng/u1	99
16) Acetophenone	8.481	105	1201873	43.272	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.463	70	546938	38.001	ng/u1#	96
18) 4-Methylphenol	8.434	108	853699	44.563	ng/u1	97
19) Hexachloroethane	8.716	117	244511	32.163	ng/u1	91
22) Nitrobenzene	8.852	77	837682	39.400	ng/u1	93
23) Isophorone	9.381	82	1698637	38.948	ng/u1	95
25) 2-Nitrophenol	9.557	139	493681	49.020	ng/u1	92
26) 2,4-Dimethylphenol	9.622	107	771536	39.381	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.857	93	1052002	38.703	ng/u1	99
29) 2,4-Dichlorophenol	10.087	162	817861	48.132	ng/u1	96
30) Naphthalene	10.481	128	2607413	43.168	ng/u1	99
32) 4-Chloroaniline	10.604	127	641183	25.847	ng/u1	98
33) Hexachlorobutadiene	10.757	225	476136	46.655	ng/u1	99
34) Caprolactam	11.410	113	243803m	36.759	ng/u1	
35) 4-Chloro-3-methylphenol	11.740	107	899126	45.270	ng/u1	95
36) 2-Methylnaphthalene	12.104	142	1845804	44.707	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.322	142	1886024	45.528	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.475	216	937255	47.174	ng/ul	99
40) Hexachlorocyclopentadiene	12.446	237	277822	24.262	ng/ul	96
41) 2,4,6-Trichlorophenol	12.722	196	674221	49.997	ng/ul	100
42) 2,4,5-Trichlorophenol	12.798	196	716160	48.870	ng/ul	98
43) 1,1'-Biphenyl	13.128	154	2350658	44.485	ng/ul	96
44) 2-Chloronaphthalene	13.169	162	1840153	44.462	ng/ul	98
45) 2-Nitroaniline	13.387	65	509775	42.492	ng/ul#	84
47) Dimethylphthalate	13.763	163	2338668	43.693	ng/ul	100
48) 2,6-Dinitrotoluene	13.893	165	519914	48.867	ng/ul	94
50) Acenaphthylene	14.022	152	2949928	43.374	ng/ul	100
51) 3-Nitroaniline	14.222	138	477695	41.994	ng/ul	89
52) Acenaphthene	14.363	153	1973435	43.854	ng/ul	99
53) 2,4-Dinitrophenol	14.434	184	253476	47.192	ng/ul	92
55) 4-Nitrophenol	14.540	109	336460	43.283	ng/ul	87
56) Dibenzofuran	14.698	168	2700308	44.167	ng/ul	96
57) 2,4-Dinitrotoluene	14.681	165	708426	45.379	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.934	232	578352	47.182	ng/ul	98
59) Diethylphthalate	15.134	149	2388614	43.248	ng/ul	99
61) Fluorene	15.351	166	2087593	42.402	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.345	204	1011285	42.408	ng/ul	95
63) 4-Nitroaniline	15.392	138	517418m	47.781	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.445	198	373425	48.176	ng/ul	99
67) N-Nitrosodiphenylamine	15.569	169	1892828	47.339	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	702829	50.005	ng/ul	93
69) Hexachlorobenzene	16.345	284	599285	37.620	ng/ul	98
70) Atrazine	16.528	200	551046	43.648	ng/ul	99
71) Pentachlorophenol	16.698	266	440903	43.261	ng/ul	96
72) Phenanthrene	17.092	178	3478436	47.072	ng/ul	99
74) Anthracene	17.181	178	3157135	42.165	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.087	216	959286	51.378	ng/ul	96
76) Pentachlorobenzene	14.616	250	794335	43.679	ng/ul	96
77) Carbazole	17.457	167	2593785	40.625	ng/ul	99
78) Di-n-butylphthalate	18.022	149	3905546	44.463	ng/ul	99
80) Fluoranthene	19.116	202	3873367	72.180	ng/ul	95
82) Pyrene	19.475	202	2879354	52.297	ng/ul	96
83) Butylbenzylphthalate	20.386	149	1385109	53.264	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.198	252	482836	30.007	ng/ul	98
85) Benzo(a)anthracene	21.269	228	2800315	49.859	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.192	149	1917595	50.587	ng/ul	97
87) Chrysene	21.327	228	2687278	51.223	ng/ul	98
89) Di-n-octyl phthalate	22.298	149	3007747	45.657	ng/ul	100
90) Benzo(b)fluoranthene	23.286	252	2851849	48.488	ng/ul	98
91) Benzo(k)fluoranthene	23.351	252	2709500	46.947	ng/ul	99
93) Benzo(a)pyrene	24.074	252	1249908	22.690	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.498	276	2367651m	37.299	ng/ul	
95) Dibenzo(a,h)anthracene	27.562	278	2609941	50.361	ng/ul	96
96) Benzo(g,h,i)perylene	28.527	276	227978	4.518	ng/ul	93

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

