

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061424\
 Data File : BN032007.D
 Acq On : 14 Jun 2024 19:08
 Operator : MA/JU
 Sample : P2695-27MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

A4BN3MSD

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/17/2024
 Supervised By :mohammad ahmed 06/18/2024

06/17/2024

Supervised By :mohammad
 ahmed

06/18/2024

Quant Time: Jun 14 22:39:45 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	322051	20.000	ng/u1	0.00
20) Naphthalene-d8	10.434	136	1493195	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	967135	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1913875	20.000	ng/u1	0.00
79) Chrysene-d12	21.286	240	1160194	20.000	ng/u1	0.00
88) Perylene-d12	24.216	264	1228841	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	40328	5.181	ng/uL	0.00
4) Pyridine-d5	3.581	84	325236	14.842	ng/u1	0.00
7) Phenol-d5	6.834	99	909642	32.947	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	513902	31.822	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	739516	35.105	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	733408	32.588	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	383924	33.627	ng/u1	0.00
24) 2-Nitrophenol-d4	9.528	143	416424	35.309	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	761196	34.573	ng/u1	0.00
31) 4-Chloroaniline-d4	10.581	131	886602	27.121	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	2312905	34.328	ng/u1	0.00
49) Acenaphthylene-d8	13.993	160	2544041	32.838	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	427494	31.689	ng/u1	0.00
60) Fluorene-d10	15.298	176	1908251	33.473	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	356795	37.089	ng/u1	0.00
73) Anthracene-d10	17.151	188	2765390	33.750	ng/u1	0.00
81) Pyrene-d10	19.451	212	2400197	38.660	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.016	264	1240434	21.140	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.205	88	104915	12.596	ng/uL	96
5) Pyridine	3.599	79	377170	17.214	ng/u1	98
6) Benzaldehyde	6.805	77	569974	44.015	ng/u1	99
8) Phenol	6.863	94	1056590	37.604	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.093	93	824321	35.480	ng/u1	96
12) 2-Chlorophenol	7.222	128	835850	37.916	ng/u1	99
13) 2-Methylphenol	8.099	108	779897	35.937	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.181	45	952006	35.596	ng/u1	98
16) Acetophenone	8.481	105	1328861	38.962	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.469	70	634523	35.902	ng/u1	96
18) 4-Methylphenol	8.434	108	885479	37.640	ng/u1	97
19) Hexachloroethane	8.716	117	261326	27.993	ng/u1	96
22) Nitrobenzene	8.857	77	959260	35.265	ng/u1	96
23) Isophorone	9.381	82	1937356	34.720	ng/u1	99
25) 2-Nitrophenol	9.563	139	520124	40.367	ng/u1	96
26) 2,4-Dimethylphenol	9.622	107	503670	20.094	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.863	93	1169777	33.637	ng/u1	99
29) 2,4-Dichlorophenol	10.093	162	839577	38.620	ng/u1	99
30) Naphthalene	10.487	128	2742544	35.489	ng/u1	99
32) 4-Chloroaniline	10.610	127	917960	28.923	ng/u1	100
33) Hexachlorobutadiene	10.757	225	484152	37.080	ng/u1	98
34) Caprolactam	11.410	113	330885m	38.994	ng/u1	
35) 4-Chloro-3-methylphenol	11.740	107	986221	38.811	ng/u1	99
36) 2-Methylnaphthalene	12.104	142	1944701	36.816	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	1933256	36.476	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.475	216	994612	38.886	ng/ul	100
40) Hexachlorocyclopentadiene	12.446	237	294222	19.959	ng/ul	99
41) 2,4,6-Trichlorophenol	12.728	196	698672	40.245	ng/ul	98
42) 2,4,5-Trichlorophenol	12.804	196	766585	40.634	ng/ul	96
43) 1,1'-Biphenyl	13.128	154	2513710	36.952	ng/ul	97
44) 2-Chloronaphthalene	13.169	162	1957008	36.730	ng/ul	98
45) 2-Nitroaniline	13.393	65	618188	40.026	ng/ul	91
47) Dimethylphthalate	13.769	163	2554780	37.076	ng/ul	100
48) 2,6-Dinitrotoluene	13.893	165	570043	41.619	ng/ul	99
50) Acenaphthylene	14.022	152	3153454	36.017	ng/ul	99
51) 3-Nitroaniline	14.222	138	574031	39.198	ng/ul	99
52) Acenaphthene	14.363	153	2089507	36.068	ng/ul	97
53) 2,4-Dinitrophenol	14.434	184	298959	43.236	ng/ul	98
55) 4-Nitrophenol	14.545	109	400035	39.974	ng/ul	92
56) Dibenzofuran	14.704	168	2875769	36.537	ng/ul	97
57) 2,4-Dinitrotoluene	14.687	165	815954	40.600	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.934	232	634392	40.201	ng/ul	98
59) Diethylphthalate	15.140	149	2665402	37.487	ng/ul	99
61) Fluorene	15.357	166	2326234	36.702	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.351	204	1112368	36.234	ng/ul	94
63) 4-Nitroaniline	15.392	138	623406m	44.718	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.451	198	449242	43.928	ng/ul	100
67) N-Nitrosodiphenylamine	15.569	169	2115830	40.107	ng/ul	98
68) 4-Bromophenyl-phenylether	16.245	248	777432	41.924	ng/ul	97
69) Hexachlorobenzene	16.351	284	670165	31.886	ng/ul	97
70) Atrazine	16.528	200	608214	36.515	ng/ul	99
71) Pentachlorophenol	16.704	266	493067	36.668	ng/ul	93
72) Phenanthrene	17.092	178	4040214	41.440	ng/ul	99
74) Anthracene	17.186	178	3679888	37.250	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.093	216	916647	37.211	ng/ul	97
76) Pentachlorobenzene	14.616	250	908968	37.883	ng/ul	93
77) Carbazole	17.463	167	3155237	37.457	ng/ul	99
78) Di-n-butylphthalate	18.022	149	4521580	39.016	ng/ul	100
80) Fluoranthene	19.116	202	4398749	59.285	ng/ul	99
82) Pyrene	19.480	202	3450804	45.330	ng/ul	96
83) Butylbenzylphthalate	20.386	149	1706672	47.466	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.198	252	704375	31.660	ng/ul	99
85) Benzo(a)anthracene	21.274	228	3305489	42.565	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.192	149	2261285	43.144	ng/ul	98
87) Chrysene	21.333	228	3067627	42.291	ng/ul	98
89) Di-n-octyl phthalate	22.304	149	3537803	43.003	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	2993674	40.758	ng/ul	98
91) Benzo(k)fluoranthene	23.357	252	2801618	38.871	ng/ul	99
93) Benzo(a)pyrene	24.074	252	1276704	18.559	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.515	276	2527529	31.884	ng/ul	99
95) Dibenzo(a,h)anthracene	27.568	278	2782143	42.988	ng/ul	98
96) Benzo(g,h,i)perylene	28.539	276	234968	3.729	ng/ul	98

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

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