Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082924\
Data File : BF139221.D
Acq On : 29 Aug 2024 14:15
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Aug 29 15:35:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 15:21:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.893	152	97855	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	357080	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	201422	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	342050	20.000	ng		0.00
76) Chrysene-d12	14.045	240	160256	20.000	ng		0.00
86) Perylene-d12	15.516	264	172715	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	722399	118.343	ng		0.00
7) Phenol-d6	6.522	99	954861	117.918	ng		0.00
23) Nitrobenzene-d5	7.457	82	901440	121.353	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	246318	121.913	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1456170	112.565	ng		0.00
79) Terphenyl-d14	12.992	244	1325188	119.196	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	159770	59.842	ng		99
3) Pyridine	3.428	79	403182	59.365	ng		99
4) n-Nitrosodimethylamine	3.393	42	224636	61.197	ng		100
6) Aniline	6.551	93	433960	58.181	ng	#	85
8) 2-Chlorophenol	6.675	128	361000	58.854	ng		97
9) Benzaldehyde	6.440	77	277298	53.699	ng		99
10) Phenol	6.534	94	499727	59.020	ng		95
11) bis(2-Chloroethyl)ether	6.628	93	369420	59.154	ng		99
12) 1,3-Dichlorobenzene	6.834	146	422664	58.211	ng		99
13) 1,4-Dichlorobenzene	6.910	146	428208	58.368	ng		100
14) 1,2-Dichlorobenzene	7.063	146	394780	57.487	ng		98
15) Benzyl Alcohol	7.034	79	372763	59.110	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	519636	58.578	ng		99
17) 2-Methylphenol	7.140	107	305787	59.039	ng		97
18) Hexachloroethane	7.404	117	150938	59.404	ng		99
19) n-Nitroso-di-n-propyla...	7.310	70	289944	57.544	ng		100
20) 3+4-Methylphenols	7.298	107	388850	57.928	ng		96
22) Acetophenone	7.304	105	525390	57.836	ng		99
24) Nitrobenzene	7.475	77	470261	60.535	ng		98
25) Isophorone	7.716	82	760407	59.064	ng		99
26) 2-Nitrophenol	7.787	139	184738	66.432	ng		98
27) 2,4-Dimethylphenol	7.822	122	243641	59.716	ng		100
28) bis(2-Chloroethoxy)met...	7.922	93	440704	58.793	ng		99
29) 2,4-Dichlorophenol	8.028	162	312750	59.589	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	351539	58.367	ng		100
31) Naphthalene	8.198	128	1056031	57.676	ng		100
32) Benzoic acid	7.951	122	240798	66.440	ng		99
33) 4-Chloroaniline	8.245	127	364846	58.129	ng		100
34) Hexachlorobutadiene	8.310	225	233198	58.737	ng		99
35) Caprolactam	8.622	113	92401	59.098	ng		98
36) 4-Chloro-3-methylphenol	8.722	107	338059	58.675	ng		100
37) 2-Methylnaphthalene	8.887	142	666677	57.792	ng		100
38) 1-Methylnaphthalene	8.987	142	656202	57.677	ng		100
40) 1,2,4,5-Tetrachloroben...	9.051	216	350699	58.583	ng		99
41) Hexachlorocyclopentadiene	9.034	237	133338	63.593	ng		100
43) 2,4,6-Trichlorophenol	9.157	196	235372	61.815	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	234003	57.104	ng	98
46) 1,1'-Biphenyl	9.351	154	835481	57.874	ng	99
47) 2-Chloronaphthalene	9.375	162	660470	57.637	ng	99
48) 2-Nitroaniline	9.469	65	222069	62.934	ng	99
49) Acenaphthylene	9.792	152	943212	57.906	ng	100
50) Dimethylphthalate	9.651	163	734498	58.236	ng	100
51) 2,6-Dinitrotoluene	9.710	165	171991	63.096	ng	97
52) Acenaphthene	9.963	154	646521	59.448	ng	99
53) 3-Nitroaniline	9.881	138	166568	62.035	ng	96
54) 2,4-Dinitrophenol	9.981	184	86071	61.189	ng	88
55) Dibenzofuran	10.134	168	898269	57.343	ng	100
56) 4-Nitrophenol	10.034	139	130074	63.355	ng	99
57) 2,4-Dinitrotoluene	10.116	165	220978	64.354	ng	98
58) Fluorene	10.475	166	705386	56.902	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	191845	59.038	ng	98
60) Diethylphthalate	10.351	149	702507	58.277	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	356795	57.362	ng	99
62) 4-Nitroaniline	10.498	138	160960	61.048	ng	98
63) Azobenzene	10.628	77	772111	58.112	ng	100
65) 4,6-Dinitro-2-methylph...	10.522	198	118007	69.841	ng	97
66) n-Nitrosodiphenylamine	10.586	169	595538	58.620	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	219896	59.153	ng	99
68) Hexachlorobenzene	11.022	284	238654	58.696	ng	99
69) Atrazine	11.110	200	114692	45.389	ng	100
70) Pentachlorophenol	11.210	266	161803	62.891	ng	99
71) Phenanthrene	11.439	178	990142	57.552	ng	100
72) Anthracene	11.486	178	968742	57.685	ng	100
73) Carbazole	11.639	167	848667	57.278	ng	99
74) Di-n-butylphthalate	11.975	149	926539	58.488	ng	99
75) Fluoranthene	12.622	202	944319	55.753	ng	99
77) Benzidine	12.745	184	197889	62.482	ng	99
78) Pyrene	12.851	202	930877	60.447	ng	100
80) Butylbenzylphthalate	13.469	149	225930	62.955	ng	98
81) Benzo(a)anthracene	14.033	228	606632	57.798	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	173387	62.913	ng	98
83) Chrysene	14.075	228	581064	59.477	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	252203	65.322	ng	99
85) Di-n-octyl phthalate	14.639	149	497149	66.040	ng	100
87) Indeno(1,2,3-cd)pyrene	17.004	276	749702	61.563	ng	100
88) Benzo(b)fluoranthene	15.086	252	622767	60.202	ng	99
89) Benzo(k)fluoranthene	15.116	252	500731	55.510	ng	99
90) Benzo(a)pyrene	15.457	252	526322	60.340	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	619014	61.083	ng	100
92) Benzo(g,h,i)perylene	17.457	276	628534	61.538	ng	99

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

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