Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
Data File : BF140846.D
Acq On : 13 Dec 2024 16:10
Operator : RC/JU
Sample : P5239-04MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Quant Time: Dec 13 17:35:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	34431	20.000	ng		-0.02
21) Naphthalene-d8	8.139	136	130568	20.000	ng		-0.02
39) Acenaphthene-d10	9.892	164	77941	20.000	ng		-0.02
64) Phenanthrene-d10	11.386	188	138423	20.000	ng		-0.02
76) Chrysene-d12	14.051	240	107378	20.000	ng		0.00
86) Perylene-d12	15.574	264	95327	20.000	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	249884	123.829	ng		0.00
7) Phenol-d6	6.504	99	331708	124.337	ng		-0.01
23) Nitrobenzene-d5	7.422	82	237988	93.232	ng		-0.02
42) 2,4,6-Tribromophenol	10.692	330	125257	150.263	ng		-0.01
45) 2-Fluorobiphenyl	9.210	172	487313	93.156	ng		-0.02
79) Terphenyl-d14	12.974	244	625046	90.640	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.604	88	26100	30.762	ng		98
3) Pyridine	3.434	79	46270	24.786	ng		96
4) n-Nitrosodimethylamine	3.316	42	36400	33.176	ng	#	98
6) Aniline	6.528	93	31004	16.511	ng	#	1
8) 2-Chlorophenol	6.657	128	100669	46.369	ng		94
9) Benzaldehyde	6.428	77	8597	6.087	ng		99
10) Phenol	6.522	94	114828	42.146	ng		90
11) bis(2-Chloroethyl)ether	6.592	93	93619	44.904	ng		99
12) 1,3-Dichlorobenzene	6.798	146	102541	42.034	ng		98
13) 1,4-Dichlorobenzene	6.875	146	103862	42.048	ng		100
14) 1,2-Dichlorobenzene	7.028	146	100008	43.208	ng		99
15) Benzyl Alcohol	7.010	79	90068	45.525	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.128	45	115191	46.768	ng		67
17) 2-Methylphenol	7.128	107	79533	45.764	ng		93
18) Hexachloroethane	7.363	117	38112	41.312	ng		97
19) n-Nitroso-di-n-propyla...	7.269	70	76547	48.550	ng		95
20) 3+4-Methylphenols	7.287	107	113803	50.946	ng	#	62
22) Acetophenone	7.269	105	149504	46.967	ng	#	91
24) Nitrobenzene	7.439	77	115585	43.812	ng		99
25) Isophorone	7.681	82	204329	47.992	ng		100
26) 2-Nitrophenol	7.763	139	54752	46.831	ng		95
27) 2,4-Dimethylphenol	7.798	122	85482m	61.108	ng		
28) bis(2-Chloroethoxy)met...	7.886	93	120043	46.282	ng		99
29) 2,4-Dichlorophenol	8.016	162	88434	47.710	ng		97
30) 1,2,4-Trichlorobenzene	8.081	180	89718	42.392	ng		99
31) Naphthalene	8.157	128	300143	44.628	ng		99
32) Benzoic acid	7.928	122	52118	43.591	ng		99
33) 4-Chloroaniline	8.228	127	17343	8.613	ng		98
34) Hexachlorobutadiene	8.269	225	60102	42.875	ng		97
35) Caprolactam	8.581	113	25032m	43.638	ng		
36) 4-Chloro-3-methylphenol	8.710	107	102335	49.310	ng		98
37) 2-Methylnaphthalene	8.851	142	207364	48.544	ng		100
38) 1-Methylnaphthalene	8.951	142	197179	47.092	ng		99
40) 1,2,4,5-Tetrachloroben...	9.016	216	106202	46.545	ng		99
41) Hexachlorocyclopentadiene	8.998	237	34547	68.511	ng		97
43) 2,4,6-Trichlorophenol	9.139	196	66897	46.724	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	69274	44.582	ng	99
46) 1,1'-Biphenyl	9.316	154	277567	47.699	ng	99
47) 2-Chloronaphthalene	9.339	162	206025	46.725	ng	99
48) 2-Nitroaniline	9.445	65	62099	43.877	ng	98
49) Acenaphthylene	9.757	152	346412	51.997	ng	100
50) Dimethylphthalate	9.616	163	247199	48.157	ng	99
51) 2,6-Dinitrotoluene	9.686	165	55589	47.750	ng	89
52) Acenaphthene	9.928	154	203770	48.138	ng	98
53) 3-Nitroaniline	9.863	138	21220	18.637	ng	95
54) 2,4-Dinitrophenol	9.980	184	59691	97.143	ng	95
55) Dibenzofuran	10.104	168	323262	50.065	ng	99
56) 4-Nitrophenol	10.051	139	47646	61.357	ng	95
57) 2,4-Dinitrotoluene	10.098	165	76592	49.503	ng	93
58) Fluorene	10.445	166	254253	49.058	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	61290	51.323	ng	88
60) Diethylphthalate	10.310	149	248063	47.564	ng	100
61) 4-Chlorophenyl-phenyle...	10.433	204	126399	49.696	ng	97
62) 4-Nitroaniline	10.475	138	51739	43.325	ng	95
63) Azobenzene	10.592	77	252464	51.117	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	40617	57.422	ng	94
66) n-Nitrosodiphenylamine	10.557	169	219174	53.542	ng	100
67) 4-Bromophenyl-phenylether	10.927	248	76457	53.634	ng	94
68) Hexachlorobenzene	10.998	284	85847	52.008	ng	99
69) Atrazine	11.080	200	61444	53.356	ng	99
70) Pentachlorophenol	11.204	266	66952	92.159	ng	99
71) Phenanthrene	11.410	178	348019	52.303	ng	99
72) Anthracene	11.463	178	359270	55.198	ng	99
73) Carbazole	11.627	167	348546	55.665	ng	99
74) Di-n-butylphthalate	11.939	149	423116	58.532	ng	99
75) Fluoranthene	12.604	202	389549	53.921	ng	99
77) Benzidine	12.757	184	8942m	2.864	ng	
78) Pyrene	12.839	202	424955	42.802	ng	98
80) Butylbenzylphthalate	13.445	149	171300	47.894	ng	98
81) Benzo(a)anthracene	14.039	228	372986	52.474	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	25730	12.057	ng	97
83) Chrysene	14.080	228	330087	50.787	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	243869	53.998	ng	98
85) Di-n-octyl phthalate	14.657	149	354568	57.448	ng	97
87) Indeno(1,2,3-cd)pyrene	17.098	276	282870	45.533	ng	99
88) Benzo(b)fluoranthene	15.133	252	365663	61.070	ng	99
89) Benzo(k)fluoranthene	15.162	252	292418	55.808	ng	99
90) Benzo(a)pyrene	15.510	252	265115	54.456	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	235810	46.349	ng	100
92) Benzo(g,h,i)perylene	17.556	276	209775	40.406	ng	99

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

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