Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140881.D
Acq On : 17 Dec 2024 13:27
Operator : RC/JU
Sample : P5239-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Quant Time: Dec 17 13:49:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	62397	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	225657	20.000	ng		0.00
39) Acenaphthene-d10	9.881	164	125106	20.000	ng		0.00
64) Phenanthrene-d10	11.375	188	222102	20.000	ng		0.00
76) Chrysene-d12	14.022	240	162379	20.000	ng		-0.01
86) Perylene-d12	15.510	264	169170	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	466991	123.204	ng		0.02
7) Phenol-d6	6.498	99	574159	114.365	ng		0.00
23) Nitrobenzene-d5	7.416	82	409831	90.865	ng		0.00
42) 2,4,6-Tribromophenol	10.681	330	190547	128.779	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	819120	90.017	ng		0.00
79) Terphenyl-d14	12.957	244	842466	81.812	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.775	88	56004	34.302	ng	#	83
3) Pyridine	3.540	79	100418	26.558	ng		99
4) n-Nitrosodimethylamine	3.452	42	77212	40.508	ng		97
6) Aniline	6.522	93	53544	12.474	ng	#	16
8) 2-Chlorophenol	6.646	128	178732	43.241	ng		98
9) Benzaldehyde	6.428	77	6105	2.195	ng		93
10) Phenol	6.516	94	200307	38.496	ng		83
11) bis(2-Chloroethyl)ether	6.587	93	166515	42.912	ng		98
12) 1,3-Dichlorobenzene	6.793	146	181584	38.553	ng		98
13) 1,4-Dichlorobenzene	6.869	146	184995	38.694	ng		99
14) 1,2-Dichlorobenzene	7.016	146	175338	38.870	ng		99
15) Benzyl Alcohol	7.004	79	157297	43.820	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.116	45	201426	44.064	ng		86
17) 2-Methylphenol	7.116	107	140700	42.636	ng		97
18) Hexachloroethane	7.357	117	67829	38.110	ng		99
19) n-Nitroso-di-n-propyla...	7.263	70	126821	42.112	ng		99
20) 3+4-Methylphenols	7.275	107	186060	42.519	ng	#	81
22) Acetophenone	7.263	105	254955	45.166	ng		97
24) Nitrobenzene	7.434	77	196033	42.425	ng		99
25) Isophorone	7.669	82	350176	46.336	ng		99
26) 2-Nitrophenol	7.751	139	95870	45.049	ng		99
27) 2,4-Dimethylphenol	7.793	122	137602	55.366	ng		98
28) bis(2-Chloroethoxy)met...	7.875	93	213086	45.144	ng		98
29) 2,4-Dichlorophenol	8.004	162	152136	44.338	ng		98
30) 1,2,4-Trichlorobenzene	8.069	180	158355	40.259	ng		98
31) Naphthalene	8.151	128	534645	43.132	ng		99
32) Benzoic acid	7.934	122	97295	41.277	ng		99
33) 4-Chloroaniline	8.210	127	36891	8.961	ng		99
34) Hexachlorobutadiene	8.257	225	107766	40.721	ng		99
35) Caprolactam	8.575	113	38571m	37.759	ng		
36) 4-Chloro-3-methylphenol	8.698	107	165358	42.817	ng		97
37) 2-Methylnaphthalene	8.839	142	361459	44.082	ng		99
38) 1-Methylnaphthalene	8.939	142	332893	41.051	ng		99
40) 1,2,4,5-Tetrachloroben...	9.004	216	179806	46.760	ng		99
41) Hexachlorocyclopentadiene	8.987	237	98451	74.663	ng		98
43) 2,4,6-Trichlorophenol	9.128	196	109789	46.628	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	116618	45.061	ng		99
46) 1,1'-Biphenyl	9.304	154	458559	46.095	ng		98
47) 2-Chloronaphthalene	9.334	162	335137	44.036	ng		100
48) 2-Nitroaniline	9.434	65	100919	43.907	ng		100
49) Acenaphthylene	9.745	152	542942	48.545	ng		100
50) Dimethylphthalate	9.604	163	399616	45.307	ng		100
51) 2,6-Dinitrotoluene	9.675	165	83595	41.458	ng		98
52) Acenaphthene	9.916	154	335146	46.911	ng		99
53) 3-Nitroaniline	9.851	138	29154	14.569	ng		99
54) 2,4-Dinitrophenol	9.969	184	83635	84.599	ng		98
55) Dibenzofuran	10.092	168	505640	45.675	ng		100
56) 4-Nitrophenol	10.034	139	74206	69.555	ng		89
57) 2,4-Dinitrotoluene	10.086	165	112511	42.409	ng		98
58) Fluorene	10.434	166	398400	43.622	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	95138	45.114	ng		97
60) Diethylphthalate	10.304	149	405957	44.385	ng		100
61) 4-Chlorophenyl-phenyle...	10.422	204	203671	44.395	ng		98
62) 4-Nitroaniline	10.463	138	70590	33.758	ng		100
63) Azobenzene	10.581	77	379713	44.160	ng		100
65) 4,6-Dinitro-2-methylph...	10.498	198	61499	48.865	ng		98
66) n-Nitrosodiphenylamine	10.539	169	315397	46.187	ng		100
67) 4-Bromophenyl-phenylether	10.910	248	120106	48.338	ng		100
68) Hexachlorobenzene	10.981	284	132107	46.894	ng		96
69) Atrazine	11.069	200	59542	31.220	ng		98
70) Pentachlorophenol	11.186	266	99720	96.819	ng		98
71) Phenanthrene	11.398	178	542454	47.494	ng		99
72) Anthracene	11.451	178	556011	49.433	ng		99
73) Carbazole	11.610	167	446839	40.559	ng		100
74) Di-n-butylphthalate	11.928	149	618903	47.866	ng		99
75) Fluoranthene	12.592	202	582887	44.314	ng		99
77) Benzidine	12.722	184	7756	2.340	ng	#	96
78) Pyrene	12.822	202	594970	41.204	ng		100
80) Butylbenzylphthalate	13.427	149	248268	46.728	ng		99
81) Benzo(a)anthracene	14.010	228	566069	49.188	ng		100
82) 3,3'-Dichlorobenzidine	13.969	252	47099	13.565	ng		99
83) Chrysene	14.051	228	488071	46.639	ng		100
84) Bis(2-ethylhexyl)phtha...	13.980	149	362980	52.983	ng		99
85) Di-n-octyl phthalate	14.604	149	609493	58.805	ng		100
87) Indeno(1,2,3-cd)pyrene	17.015	276	678743	64.294	ng		100
88) Benzo(b)fluoranthene	15.074	252	580326	49.419	ng		100
89) Benzo(k)fluoranthene	15.104	252	443845	44.063	ng		99
90) Benzo(a)pyrene	15.445	252	498440	54.207	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	566869	64.816	ng		99
92) Benzo(g,h,i)perylene	17.468	276	508605	57.139	ng		99

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

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