Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
Data File : BF140807.D
Acq On : 10 Dec 2024 15:49
Operator : RC/JU
Sample : P5174-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

Quant Time: Dec 10 17:14:23 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	6.863	152	85633	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	326657	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	183763	20.000	ng		-0.01
64) Phenanthrene-d10	11.398	188	313078	20.000	ng		0.00
76) Chrysene-d12	14.051	240	150565	20.000	ng		0.00
86) Perylene-d12	15.551	264	125517	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	687107	136.904	ng		0.03
7) Phenol-d6	6.522	99	842298	126.946	ng		0.00
23) Nitrobenzene-d5	7.434	82	623609	97.649	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	283431	144.213	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1198361	97.163	ng		-0.01
79) Terphenyl-d14	12.980	244	922774	95.433	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.828	88	83912	39.765	ng	#	83
3) Pyridine	3.604	79	149130	32.120	ng		99
4) n-Nitrosodimethylamine	3.499	42	112983	41.404	ng	#	91
8) 2-Chlorophenol	6.663	128	277026	51.305	ng		96
9) Benzaldehyde	6.422	77	42184	12.010	ng		98
10) Phenol	6.540	94	299848	44.251	ng		82
11) bis(2-Chloroethyl)ether	6.604	93	252539	48.703	ng		99
12) 1,3-Dichlorobenzene	6.804	146	262236	43.222	ng		98
13) 1,4-Dichlorobenzene	6.881	146	271017	44.116	ng		99
14) 1,2-Dichlorobenzene	7.034	146	258331	44.876	ng		100
15) Benzyl Alcohol	7.022	79	244326	49.654	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	310602	50.704	ng		67
17) 2-Methylphenol	7.140	107	213211	49.328	ng		95
18) Hexachloroethane	7.375	117	102176	44.532	ng		99
19) n-Nitroso-di-n-propyla...	7.281	70	203434	51.879	ng		98
20) 3+4-Methylphenols	7.293	107	287080	51.673	ng	#	69
22) Acetophenone	7.275	105	385816	48.447	ng	#	92
24) Nitrobenzene	7.451	77	298351	45.202	ng		98
25) Isophorone	7.698	82	547516	51.402	ng		99
26) 2-Nitrophenol	7.769	139	151184	51.687	ng		95
27) 2,4-Dimethylphenol	7.810	122	231540m	66.160	ng		
28) bis(2-Chloroethoxy)met...	7.892	93	330702	50.963	ng		99
29) 2,4-Dichlorophenol	8.022	162	244556	52.736	ng		98
30) 1,2,4-Trichlorobenzene	8.087	180	242792	45.855	ng		99
31) Naphthalene	8.169	128	822355	48.875	ng		99
32) Benzoic acid	7.957	122	128229	42.988	ng		94
34) Hexachlorobutadiene	8.275	225	158044	45.065	ng		99
35) Caprolactam	8.639	113	56753	39.546	ng		97
36) 4-Chloro-3-methylphenol	8.722	107	259831	50.044	ng		99
37) 2-Methylnaphthalene	8.857	142	564473	52.819	ng		98
38) 1-Methylnaphthalene	8.957	142	511538	48.832	ng		100
40) 1,2,4,5-Tetrachloroben...	9.028	216	268691	49.946	ng		100
41) Hexachlorocyclopentadiene	9.004	237	117170	95.357	ng		97
43) 2,4,6-Trichlorophenol	9.145	196	178965	53.016	ng		99
44) 2,4,5-Trichlorophenol	9.198	196	179211	48.917	ng		98
46) 1,1'-Biphenyl	9.322	154	703208	51.255	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47)	2-Chloronaphthalene	9.351	162	515751	49.611	ng		99
48)	2-Nitroaniline	9.457	65	144334	43.254	ng		94
49)	Acenaphthylene	9.769	152	850091	54.120	ng		100
50)	Dimethylphthalate	9.628	163	636830	52.620	ng		100
51)	2,6-Dinitrotoluene	9.698	165	132466	48.261	ng		91
52)	Acenaphthene	9.939	154	512472	51.348	ng		99
53)	3-Nitroaniline	9.875	138	7291	2.716	ng	#	88
54)	2,4-Dinitrophenol	9.986	184	92537	66.554	ng		97
55)	Dibenzofuran	10.110	168	781318	51.324	ng		100
56)	4-Nitrophenol	10.069	139	94987	51.882	ng		89
57)	2,4-Dinitrotoluene	10.104	165	172926	47.404	ng	#	93
58)	Fluorene	10.457	166	618227	50.594	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.239	232	149590	53.129	ng		94
60)	Diethylphthalate	10.328	149	631102	51.324	ng		99
61)	4-Chlorophenyl-phenyle...	10.445	204	313172	52.224	ng		96
62)	4-Nitroaniline	10.486	138	26899	9.554	ng		92
63)	Azobenzene	10.604	77	604672	51.927	ng		98
65)	4,6-Dinitro-2-methylph...	10.522	198	73912	46.200	ng		95
66)	n-Nitrosodiphenylamine	10.563	169	460818	49.772	ng		99
67)	4-Bromophenyl-phenylether	10.933	248	183146	56.803	ng		97
68)	Hexachlorobenzene	11.004	284	207836	55.670	ng		97
69)	Atrazine	11.098	200	82165	31.546	ng		98
70)	Pentachlorophenol	11.210	266	138861	84.510	ng		100
71)	Phenanthrene	11.422	178	807702	53.670	ng		99
72)	Anthracene	11.475	178	822432	55.867	ng		99
73)	Carbazole	11.633	167	466419	32.935	ng		99
74)	Di-n-butylphthalate	11.951	149	814955	49.845	ng		100
75)	Fluoranthene	12.616	202	694266	42.489	ng		100
78)	Pyrene	12.845	202	711243	51.089	ng		99
80)	Butylbenzylphthalate	13.451	149	246981	49.247	ng		98
81)	Benzo(a)anthracene	14.039	228	542393	54.420	ng		100
83)	Chrysene	14.074	228	508835	55.833	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.010	149	354556	55.989	ng		97
85)	Di-n-octyl phthalate	14.639	149	632984	73.141	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.074	276	333011	40.711	ng		99
88)	Benzo(b)fluoranthene	15.116	252	581053m	73.701	ng		
89)	Benzo(k)fluoranthene	15.145	252	435716	63.156	ng		99
90)	Benzo(a)pyrene	15.492	252	409201	63.835	ng		99
91)	Dibenzo(a,h)anthracene	17.080	278	272774	40.719	ng		99
92)	Benzo(g,h,i)perylene	17.533	276	237820	34.790	ng		98

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

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