Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
Data File : BF141413.D
Acq On : 04 Feb 2025 17:22
Operator : RC/JU
Sample : Q1239-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
286MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

Quant Time: Feb 05 00:31:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	71735	20.000	ng		-0.01
21) Naphthalene-d8	8.075	136	282983	20.000	ng		#-0.01
39) Acenaphthene-d10	9.828	164	159062	20.000	ng		-0.01
64) Phenanthrene-d10	11.316	188	284462	20.000	ng		-0.01
76) Chrysene-d12	13.963	240	237860	20.000	ng		-0.01
86) Perylene-d12	15.427	264	195020	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	621616	133.032	ng		0.01
7) Phenol-d6	6.434	99	726509	122.221	ng		0.00
23) Nitrobenzene-d5	7.357	82	546202	101.751	ng		-0.01
42) 2,4,6-Tribromophenol	10.622	330	253210	173.642	ng		-0.01
45) 2-Fluorobiphenyl	9.151	172	1053500	101.944	ng		-0.01
79) Terphenyl-d14	12.910	244	1365477	88.532	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	91270	44.413	ng	#	82
3) Pyridine	3.340	79	148240	29.939	ng		95
4) n-Nitrosodimethylamine	3.263	42	136594	48.292	ng		87
6) Aniline	6.457	93	69411	13.795	ng	#	1
8) 2-Chlorophenol	6.581	128	234202	46.763	ng		97
9) Benzaldehyde	6.340	77	32532	9.448	ng		98
10) Phenol	6.451	94	250561	39.764	ng		89
11) bis(2-Chloroethyl)ether	6.528	93	248242	51.381	ng		95
12) 1,3-Dichlorobenzene	6.734	146	251801	45.598	ng		100
13) 1,4-Dichlorobenzene	6.810	146	250606	45.174	ng		99
14) 1,2-Dichlorobenzene	6.957	146	240203	46.240	ng		98
15) Benzyl Alcohol	6.939	79	203836	50.178	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	365547	43.510	ng		72
17) 2-Methylphenol	7.057	107	184041	45.214	ng	#	88
18) Hexachloroethane	7.304	117	96713	47.257	ng		96
19) n-Nitroso-di-n-propyla...	7.204	70	168748	47.776	ng		100
20) 3+4-Methylphenols	7.210	107	234616	46.944	ng		92
22) Acetophenone	7.198	105	367727	54.669	ng	#	96
24) Nitrobenzene	7.375	77	254617	45.771	ng		99
25) Isophorone	7.610	82	455768	49.118	ng		98
26) 2-Nitrophenol	7.686	139	125531	47.848	ng		92
27) 2,4-Dimethylphenol	7.734	122	199684m	59.797	ng		
28) bis(2-Chloroethoxy)met...	7.822	93	272873	46.102	ng		100
29) 2,4-Dichlorophenol	7.939	162	196917	48.168	ng		99
30) 1,2,4-Trichlorobenzene	8.016	180	216732	46.422	ng		99
31) Naphthalene	8.092	128	690045	46.159	ng		100
32) Benzoic acid	7.851	122	120094	39.121	ng		94
33) 4-Chloroaniline	8.151	127	55103	10.870	ng		97
34) Hexachlorobutadiene	8.210	225	134151	48.998	ng		100
35) Caprolactam	8.510	113	59743m	44.747	ng		
36) 4-Chloro-3-methylphenol	8.639	107	220728	50.336	ng		97
37) 2-Methylnaphthalene	8.786	142	443805	46.709	ng		99
38) 1-Methylnaphthalene	8.886	142	428312	45.890	ng		99
40) 1,2,4,5-Tetrachloroben...	8.951	216	240249	53.092	ng		99
41) Hexachlorocyclopentadiene	8.939	237	285933	213.957	ng		100
43) 2,4,6-Trichlorophenol	9.069	196	141772	47.866	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	159389	49.444	ng		99
46) 1,1'-Biphenyl	9.251	154	647303	52.181	ng		98
47) 2-Chloronaphthalene	9.275	162	435038	44.993	ng		99
48) 2-Nitroaniline	9.375	65	152025	49.987	ng		98
49) Acenaphthylene	9.692	152	691680	51.104	ng		100
50) Dimethylphthalate	9.551	163	543231	50.566	ng		100
51) 2,6-Dinitrotoluene	9.616	165	118953	47.688	ng		99
52) Acenaphthene	9.863	154	535367m	55.368	ng		
53) 3-Nitroaniline	9.780	138	43627	17.845	ng		99
54) 2,4-Dinitrophenol	9.892	184	147030	126.801	ng		89
55) Dibenzofuran	10.033	168	634353	49.012	ng		96
56) 4-Nitrophenol	9.969	139	199653	111.665	ng		89
57) 2,4-Dinitrotoluene	10.022	165	165190	51.150	ng		91
58) Fluorene	10.380	166	506674	50.468	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	143866	56.727	ng		99
60) Diethylphthalate	10.257	149	536207	51.476	ng		99
61) 4-Chlorophenyl-phenyle...	10.369	204	245153	49.990	ng		96
62) 4-Nitroaniline	10.398	138	114917	47.811	ng		88
63) Azobenzene	10.533	77	508576	48.776	ng		97
65) 4,6-Dinitro-2-methylph...	10.427	198	95472	56.741	ng		95
66) n-Nitrosodiphenylamine	10.492	169	441006	47.933	ng		100
67) 4-Bromophenyl-phenylether	10.863	248	153618	48.237	ng		100
68) Hexachlorobenzene	10.927	284	162730	48.172	ng		98
69) Atrazine	11.022	200	140244	45.590	ng		99
70) Pentachlorophenol	11.127	266	225875	114.184	ng		98
71) Phenanthrene	11.339	178	780848	51.066	ng		100
72) Anthracene	11.392	178	791437	52.824	ng		99
73) Carbazole	11.551	167	710857	53.507	ng		99
74) Di-n-butylphthalate	11.880	149	744519	46.243	ng		99
75) Fluoranthene	12.533	202	839924	55.631	ng		98
77) Benzidine	12.663	184	32273	4.232	ng	#	1
78) Pyrene	12.763	202	853152	37.366	ng		100
80) Butylbenzylphthalate	13.386	149	377748	47.357	ng		100
81) Benzo(a)anthracene	13.957	228	781041	47.585	ng		99
82) 3,3'-Dichlorobenzidine	13.915	252	67109	12.855	ng		98
83) Chrysene	13.992	228	700708	46.581	ng		100
84) Bis(2-ethylhexyl)phtha...	13.945	149	494764	48.896	ng		99
85) Di-n-octyl phthalate	14.574	149	791205	50.343	ng		98
87) Indeno(1,2,3-cd)pyrene	16.874	276	596608	47.398	ng		96
88) Benzo(b)fluoranthene	15.010	252	662771	54.028	ng		98
89) Benzo(k)fluoranthene	15.039	252	535050	49.235	ng		99
90) Benzo(a)pyrene	15.368	252	536439	51.748	ng		99
91) Dibenzo(a,h)anthracene	16.898	278	478509	47.252	ng		97
92) Benzo(g,h,i)perylene	17.315	276	469111	44.551	ng		95

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

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