Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141348.D
Acq On : 31 Jan 2025 22:43
Operator : RC/JU
Sample : Q1205-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-236MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

Quant Time: Feb 01 00:04:24 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	6.798	152	153925	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	605647	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	316012	20.000	ng		0.00
64) Phenanthrene-d10	11.327	188	461856	20.000	ng		0.00
76) Chrysene-d12	13.968	240	294849	20.000	ng		0.00
86) Perylene-d12	15.421	264	278615	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1124167	112.121	ng		0.02
7) Phenol-d6	6.445	99	1319858	103.479	ng		0.00
23) Nitrobenzene-d5	7.363	82	982578	85.525	ng		0.00
42) 2,4,6-Tribromophenol	10.633	330	344857	119.035	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	1660558	80.880	ng		0.00
79) Terphenyl-d14	12.910	244	1326215	69.367	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	181546	41.171	ng	#	82
3) Pyridine	3.375	79	379676	35.736	ng		99
4) n-Nitrosodimethylamine	3.310	42	233543	38.479	ng		98
6) Aniline	6.463	93	65044	6.024	ng	#	1
8) 2-Chlorophenol	6.592	128	418220	38.917	ng		97
9) Benzaldehyde	6.351	77	147390	19.950	ng		99
10) Phenol	6.457	94	485596	35.915	ng		98
11) bis(2-Chloroethyl)ether	6.534	93	401530	38.732	ng		99
12) 1,3-Dichlorobenzene	6.739	146	434626	36.680	ng		99
13) 1,4-Dichlorobenzene	6.816	146	432210	36.309	ng		100
14) 1,2-Dichlorobenzene	6.969	146	409687	36.755	ng		99
15) Benzyl Alcohol	6.945	79	310003	35.565	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	663014	36.778	ng		51
17) 2-Methylphenol	7.069	107	320489	36.694	ng	#	88
18) Hexachloroethane	7.310	117	157617	35.893	ng		98
19) n-Nitroso-di-n-propyla...	7.216	70	295696	39.016	ng		97
20) 3+4-Methylphenols	7.228	107	433449	40.418	ng	#	64
22) Acetophenone	7.210	105	625566	43.454	ng	#	92
24) Nitrobenzene	7.386	77	428974	36.030	ng		98
25) Isophorone	7.622	82	773765	38.962	ng		99
26) 2-Nitrophenol	7.698	139	220556	39.280	ng		99
27) 2,4-Dimethylphenol	7.745	122	352717m	49.352	ng		
28) bis(2-Chloroethoxy)met...	7.833	93	481111	37.979	ng		100
29) 2,4-Dichlorophenol	7.951	162	338188	38.652	ng		99
30) 1,2,4-Trichlorobenzene	8.022	180	357239	35.752	ng		100
31) Naphthalene	8.104	128	1170409	36.581	ng		100
32) Benzoic acid	7.869	122	301460	45.884	ng		99
33) 4-Chloroaniline	8.163	127	28448	2.622	ng		98
34) Hexachlorobutadiene	8.222	225	211361	36.070	ng		100
35) Caprolactam	8.522	113	118115	41.336	ng		99
36) 4-Chloro-3-methylphenol	8.651	107	346469	36.917	ng		97
37) 2-Methylnaphthalene	8.792	142	737042	36.244	ng		99
38) 1-Methylnaphthalene	8.892	142	709128	35.500	ng		100
40) 1,2,4,5-Tetrachloroben...	8.963	216	374767	41.686	ng		99
41) Hexachlorocyclopentadiene	8.945	237	419287	157.920	ng		100
43) 2,4,6-Trichlorophenol	9.080	196	230467	39.166	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	240626	37.571	ng	99
46) 1,1'-Biphenyl	9.257	154	1033995	41.955	ng	99
47) 2-Chloronaphthalene	9.286	162	705166	36.709	ng	98
48) 2-Nitroaniline	9.380	65	218096	36.096	ng	97
49) Acenaphthylene	9.698	152	1075589	40.000	ng	100
50) Dimethylphthalate	9.563	163	832211	38.992	ng	100
51) 2,6-Dinitrotoluene	9.622	165	181148	36.554	ng	98
52) Acenaphthene	9.869	154	805823m	41.948	ng	
53) 3-Nitroaniline	9.792	138	27986	5.762	ng	98
54) 2,4-Dinitrophenol	9.904	184	214844	93.262	ng	99
55) Dibenzofuran	10.045	168	961594	37.396	ng	99
56) 4-Nitrophenol	9.975	139	210065	59.137	ng	96
57) 2,4-Dinitrotoluene	10.027	165	235937	36.772	ng	98
58) Fluorene	10.386	166	722818	36.239	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	200181	39.730	ng	99
60) Diethylphthalate	10.263	149	789240	38.137	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	354621	36.398	ng	99
62) 4-Nitroaniline	10.404	138	105426	22.078	ng	100
63) Azobenzene	10.539	77	764030	36.883	ng	100
65) 4,6-Dinitro-2-methylph...	10.433	198	131181	48.019	ng	98
66) n-Nitrosodiphenylamine	10.498	169	475837	31.854	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	220189	42.585	ng	97
68) Hexachlorobenzene	10.933	284	223703	40.786	ng	100
69) Atrazine	11.027	200	137528	27.536	ng	99
70) Pentachlorophenol	11.133	266	248426	77.349	ng	98
71) Phenanthrene	11.351	178	968305	39.003	ng	100
72) Anthracene	11.404	178	985565	40.515	ng	99
73) Carbazole	11.557	167	638050	29.580	ng	100
74) Di-n-butylphthalate	11.892	149	1070897	40.967	ng	100
75) Fluoranthene	12.539	202	824031	33.615	ng	100
77) Benzidine	12.674	184	47241	4.998	ng	97
78) Pyrene	12.768	202	829915	29.323	ng	99
80) Butylbenzylphthalate	13.392	149	347341	35.128	ng	98
81) Benzo(a)anthracene	13.957	228	711602	34.975	ng	100
82) 3,3'-Dichlorobenzidine	13.921	252	27766	4.291	ng	98
83) Chrysene	13.992	228	696803	37.369	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	461252	36.774	ng	99
85) Di-n-octyl phthalate	14.568	149	823011	42.245	ng	99
87) Indeno(1,2,3-cd)pyrene	16.862	276	526992	29.306	ng	99
88) Benzo(b)fluoranthene	14.998	252	770818	43.982	ng	99
89) Benzo(k)fluoranthene	15.027	252	619290	39.888	ng	99
90) Benzo(a)pyrene	15.362	252	618980	41.795	ng	99
91) Dibenzo(a,h)anthracene	16.880	278	436328	30.159	ng	99
92) Benzo(g,h,i)perylene	17.298	276	398331	26.479	ng	100

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

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