Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
Data File : BP019927.D
Acq On : 28 Feb 2024 21:09
Operator : MA/JU
Sample : P1610-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-02-02272024MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

Quant Time: Feb 29 00:36:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 02:05:05 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	115834	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	459031	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	310646	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	569467	20.000	ng	0.00
76) Chrysene-d12	21.416	240	466550	20.000	ng	0.00
86) Perylene-d12	23.857	264	544996	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	310157	43.949	ng	0.00
7) Phenol-d6	7.075	99	431816	41.098	ng	0.00
23) Nitrobenzene-d5	9.075	82	298676	26.268	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	220987	41.488	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	731838	31.830	ng	0.00
79) Terphenyl-d14	19.880	244	907461	30.657	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	69363	28.417	ng	98
3) Pyridine	3.770	79	199169	26.678	ng	97
4) n-Nitrosodimethylamine	3.693	42	113428	36.869	ng	99
6) Aniline	7.228	93	304909	23.656	ng	96
8) 2-Chlorophenol	7.463	128	325663	42.794	ng	98
9) Benzaldehyde	7.046	77	43657m	7.279	ng	
10) Phenol	7.105	94	415730	39.680	ng	97
11) bis(2-Chloroethyl)ether	7.334	93	307955	37.320	ng	99
12) 1,3-Dichlorobenzene	7.781	146	359078	43.460	ng	98
13) 1,4-Dichlorobenzene	7.934	146	370077	44.232	ng	100
14) 1,2-Dichlorobenzene	8.246	146	358676	42.735	ng	99
15) Benzyl Alcohol	8.152	79	330709m	35.678	ng	
16) 2,2'-oxybis(1-Chloropr...	8.422	45	302134m	34.293	ng	
17) 2-Methylphenol	8.358	107	282814	36.093	ng	99
18) Hexachloroethane	8.963	117	78839	24.317	ng	97
19) n-Nitroso-di-n-propyla...	8.722	70	259513	32.695	ng	98
20) 3+4-Methylphenols	8.687	107	385599	34.248	ng	97
22) Acetophenone	8.734	105	520180	36.487	ng	98
24) Nitrobenzene	9.116	77	400490	36.383	ng	97
25) Isophorone	9.646	82	723792	36.573	ng	100
26) 2-Nitrophenol	9.822	139	135997	30.876	ng	99
27) 2,4-Dimethylphenol	9.887	122	255381	35.122	ng	98
28) bis(2-Chloroethoxy)met...	10.128	93	412769	37.373	ng	98
29) 2,4-Dichlorophenol	10.357	162	357451	44.073	ng	99
30) 1,2,4-Trichlorobenzene	10.563	180	408287	45.822	ng	99
31) Naphthalene	10.752	128	1018654	41.447	ng	99
32) Benzoic acid	10.093	122	236794	38.438	ng	96
33) 4-Chloroaniline	10.881	127	264688	23.704	ng	98
34) Hexachlorobutadiene	11.016	225	297375	45.895	ng	98
35) Caprolactam	11.716	113	101401	33.903	ng	93
36) 4-Chloro-3-methylphenol	12.016	107	387415	38.722	ng	99
37) 2-Methylnaphthalene	12.369	142	738440	38.705	ng	99
38) 1-Methylnaphthalene	12.587	142	699395	38.741	ng	98
40) 1,2,4,5-Tetrachloroben...	12.734	216	531029	50.043	ng	99
41) Hexachlorocyclopentadiene	12.693	237	27698	5.041	ng	99
43) 2,4,6-Trichlorophenol	12.981	196	332796	47.499	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	353387	42.342	ng		98
46) 1,1'-Biphenyl	13.381	154	1007280	45.286	ng		98
47) 2-Chloronaphthalene	13.422	162	810660	46.956	ng		98
48) 2-Nitroaniline	13.645	65	278175	44.581	ng		98
49) Acenaphthylene	14.269	152	1241052	44.371	ng		100
50) Dimethylphthalate	14.022	163	1011150	39.873	ng		100
51) 2,6-Dinitrotoluene	14.145	165	189626	34.744	ng		99
52) Acenaphthene	14.610	154	697524	41.533	ng		100
53) 3-Nitroaniline	14.475	138	211356	39.122	ng		99
54) 2,4-Dinitrophenol	14.698	184	16274	4.574	ng		97
55) Dibenzofuran	14.951	168	1193942	41.656	ng		99
56) 4-Nitrophenol	14.798	139	310982	73.584	ng		97
57) 2,4-Dinitrotoluene	14.940	165	251994	32.442	ng		93
58) Fluorene	15.604	166	936657	40.294	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.181	232	313176	40.899	ng		96
60) Diethylphthalate	15.387	149	990999	39.556	ng		98
61) 4-Chlorophenyl-phenyle...	15.598	204	554049	41.676	ng		98
62) 4-Nitroaniline	15.645	138	226204m	40.198	ng		
63) Azobenzene	15.892	77	873151	37.438	ng		99
65) 4,6-Dinitro-2-methylph...	15.704	198	13115	3.393	ng		92
66) n-Nitrosodiphenylamine	15.822	169	812964	49.752	ng		99
67) 4-Bromophenyl-phenylether	16.498	248	355025	50.420	ng		98
68) Hexachlorobenzene	16.604	284	380683	50.131	ng		99
69) Atrazine	16.787	200	283572	41.475	ng		99
70) Pentachlorophenol	16.957	266	446006	79.460	ng		99
71) Phenanthrene	17.357	178	1292229	42.513	ng		100
72) Anthracene	17.445	178	1318609	42.496	ng		100
73) Carbazole	17.728	167	1095760	39.872	ng		100
74) Di-n-butylphthalate	18.275	149	1467461	42.695	ng		99
75) Fluoranthene	19.328	202	1393939	35.336	ng		99
77) Benzidine	19.516	184	567019	42.310	ng		99
78) Pyrene	19.680	202	1418976	44.267	ng		100
80) Butylbenzylphthalate	20.569	149	527369	41.142	ng		95
81) Benzo(a)anthracene	21.404	228	1437564	43.408	ng		99
82) 3,3'-Dichlorobenzidine	21.333	252	494944	38.967	ng		100
83) Chrysene	21.457	228	1324712	42.688	ng		99
84) Bis(2-ethylhexyl)phtha...	21.333	149	778002	42.282	ng	#	97
85) Di-n-octyl phthalate	22.274	149	1306404	42.661	ng		99
87) Indeno(1,2,3-cd)pyrene	26.445	276	1717315	44.759	ng		99
88) Benzo(b)fluoranthene	23.116	252	1487456	44.517	ng		97
89) Benzo(k)fluoranthene	23.163	252	1356904	41.408	ng		99
90) Benzo(a)pyrene	23.751	252	1318240	41.283	ng		99
91) Dibenzo(a,h)anthracene	26.457	278	1429917	44.332	ng		98
92) Benzo(g,h,i)perylene	27.221	276	1345212	43.203	ng		97

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

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