Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022324\
Data File : BP019846.D
Acq On : 23 Feb 2024 16:40
Operator : MA/JU
Sample : P1537-11MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
11MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/27/2024
Supervised By :mohammad ahmed 02/27/2024

Quant Time: Feb 23 17:06:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 13:10:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152	107714	20.000	ng		0.00
21) Naphthalene-d8	10.705	136	397920	20.000	ng	#	0.00
39) Acenaphthene-d10	14.545	164	243334	20.000	ng		0.00
64) Phenanthrene-d10	17.310	188	493615	20.000	ng		0.00
76) Chrysene-d12	21.416	240	407086	20.000	ng		-0.01
86) Perylene-d12	23.851	264	486490	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	396652	59.358	ng		0.00
7) Phenol-d6	7.081	99	729323	80.944	ng		0.00
23) Nitrobenzene-d5	9.075	82	531576	57.886	ng		0.00
42) 2,4,6-Tribromophenol	16.045	330	347148	97.710	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	1101534	55.962	ng		0.00
79) Terphenyl-d14	19.881	244	1443436	58.312	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	59453	23.092	ng		98
3) Pyridine	3.781	79	159100	22.794	ng		99
4) n-Nitrosodimethylamine	3.705	42	84859	27.924	ng		97
6) Aniline	7.240	93	202802	23.164	ng		98
8) 2-Chlorophenol	7.469	128	292129	42.581	ng		99
9) Benzaldehyde	7.058	77	52234m	8.269	ng		
10) Phenol	7.111	94	371261	41.342	ng		99
11) bis(2-Chloroethyl)ether	7.340	93	289706	41.466	ng		96
12) 1,3-Dichlorobenzene	7.793	146	332479	39.606	ng		99
13) 1,4-Dichlorobenzene	7.940	146	340184	39.998	ng		99
14) 1,2-Dichlorobenzene	8.252	146	326650	39.695	ng		98
15) Benzyl Alcohol	8.158	79	304233	42.259	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.428	45	324774	46.486	ng		98
17) 2-Methylphenol	8.358	107	256611	42.444	ng		99
18) Hexachloroethane	8.969	117	128670	39.031	ng		94
19) n-Nitroso-di-n-propyla...	8.722	70	250970	40.779	ng		97
20) 3+4-Methylphenols	8.687	107	340296	41.242	ng		96
22) Acetophenone	8.740	105	469794	41.442	ng	#	98
24) Nitrobenzene	9.122	77	372309	40.267	ng		98
25) Isophorone	9.646	82	679597	42.493	ng		98
26) 2-Nitrophenol	9.828	139	156755	44.464	ng		96
27) 2,4-Dimethylphenol	9.893	122	227089	50.375	ng		97
28) bis(2-Chloroethoxy)met...	10.134	93	399730	44.175	ng		99
29) 2,4-Dichlorophenol	10.357	162	300038	44.029	ng		97
30) 1,2,4-Trichlorobenzene	10.569	180	341634	40.888	ng		99
31) Naphthalene	10.757	128	895314	41.024	ng		99
32) Benzoic acid	10.057	122	213797	48.677	ng		99
33) 4-Chloroaniline	10.881	127	101935	12.630	ng		98
34) Hexachlorobutadiene	11.022	225	249277	40.260	ng		99
35) Caprolactam	11.693	113	89129	46.201	ng		92
36) 4-Chloro-3-methylphenol	12.010	107	326576	43.951	ng		98
37) 2-Methylnaphthalene	12.369	142	620080	41.056	ng		98
38) 1-Methylnaphthalene	12.587	142	588011	39.617	ng		99
40) 1,2,4,5-Tetrachloroben...	12.734	216	412795	43.987	ng		99
41) Hexachlorocyclopentadiene	12.699	237	289403	68.264	ng		99
43) 2,4,6-Trichlorophenol	12.981	196	262446	46.185	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	275249	44.111	ng	97
46) 1,1'-Biphenyl	13.381	154	820925	42.269	ng	100
47) 2-Chloronaphthalene	13.422	162	651688	40.877	ng	99
48) 2-Nitroaniline	13.640	65	208535	46.779	ng	98
49) Acenaphthylene	14.269	152	1021722	45.680	ng	100
50) Dimethylphthalate	14.016	163	819796	44.009	ng	99
51) 2,6-Dinitrotoluene	14.146	165	174540	42.647	ng	96
52) Acenaphthene	14.610	154	566939	40.840	ng	99
53) 3-Nitroaniline	14.469	138	112462	29.901	ng	89
54) 2,4-Dinitrophenol	14.687	184	104138	49.007	ng	98
55) Dibenzofuran	14.951	168	944160	41.759	ng	99
56) 4-Nitrophenol	14.793	139	267107	86.644	ng	98
57) 2,4-Dinitrotoluene	14.934	165	235183	43.851	ng	93
58) Fluorene	15.598	166	737550	40.956	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.175	232	244089	46.506	ng	98
60) Diethylphthalate	15.381	149	779482	42.070	ng	100
61) 4-Chlorophenyl-phenyle...	15.598	204	416883	41.188	ng	96
62) 4-Nitroaniline	15.640	138	149799	37.997	ng	98
63) Azobenzene	15.892	77	744817	41.570	ng	98
65) 4,6-Dinitro-2-methylph...	15.698	198	72362	25.709	ng	98
66) n-Nitrosodiphenylamine	15.816	169	635135	42.963	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	271193	43.948	ng	97
68) Hexachlorobenzene	16.598	284	310774	43.127	ng	98
69) Atrazine	16.781	200	255783	52.141	ng	98
70) Pentachlorophenol	16.957	266	410658	91.511	ng	99
71) Phenanthrene	17.351	178	1196093	46.044	ng	100
72) Anthracene	17.445	178	1172860	45.260	ng	99
73) Carbazole	17.722	167	1008271	42.830	ng	99
74) Di-n-butylphthalate	18.275	149	1267035	44.513	ng	99
75) Fluoranthene	19.328	202	1312608	41.363	ng	99
77) Benzidine	19.516	184	658479	77.370	ng	99
78) Pyrene	19.681	202	1330159	46.298	ng	100
80) Butylbenzylphthalate	20.569	149	475340	44.303	ng	97
81) Benzo(a)anthracene	21.404	228	1335278	46.597	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	454127	43.490	ng	96
83) Chrysene	21.457	228	1232861	45.316	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	709148	43.405	ng	98
85) Di-n-octyl phthalate	22.280	149	1259894	43.829	ng	99
87) Indeno(1,2,3-cd)pyrene	26.415	276	1661650	44.621	ng	97
88) Benzo(b)fluoranthene	23.110	252	1384714	45.162	ng	99
89) Benzo(k)fluoranthene	23.157	252	1310537	44.746	ng	98
90) Benzo(a)pyrene	23.751	252	1255243	46.011	ng	99
91) Dibenzo(a,h)anthracene	26.439	278	1337664	43.675	ng	97
92) Benzo(g,h,i)perylene	27.198	276	1307296	42.073	ng	97

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

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