Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022724\
Data File : BP019896.D
Acq On : 27 Feb 2024 14:53
Operator : MA/JU
Sample : P1585-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-232MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024

Quant Time: Feb 27 15:34:14 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	110649	20.000	ng	0.00
21) Naphthalene-d8	10.698	136	467510	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	293867	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	532091	20.000	ng	0.00
76) Chrysene-d12	21.404	240	368289	20.000	ng	0.00
86) Perylene-d12	23.821	264	454038	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	621459	92.187	ng	0.00
7) Phenol-d6	7.075	99	837477	83.441	ng	0.00
23) Nitrobenzene-d5	9.069	82	738209	63.747	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	428552	85.050	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1560637	71.753	ng	0.00
79) Terphenyl-d14	19.869	244	1661928	71.125	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	77578	33.272	ng	97
3) Pyridine	3.775	79	201036	28.190	ng	99
4) n-Nitrosodimethylamine	3.699	42	108697	36.987	ng	99
6) Aniline	7.234	93	255675	20.766	ng	97
8) 2-Chlorophenol	7.457	128	271317	37.323	ng	99
9) Benzaldehyde	7.046	77	35630	6.219	ng	95
10) Phenol	7.099	94	353204	35.292	ng	99
11) bis(2-Chloroethyl)ether	7.334	93	258185	32.755	ng	100
12) 1,3-Dichlorobenzene	7.781	146	338111	42.840	ng	99
13) 1,4-Dichlorobenzene	7.934	146	348279	43.578	ng	99
14) 1,2-Dichlorobenzene	8.246	146	325018	40.539	ng	100
15) Benzyl Alcohol	8.152	79	314703m	35.542	ng	
16) 2,2'-oxybis(1-Chloropr...	8.422	45	346058m	41.119	ng	
17) 2-Methylphenol	8.352	107	279014	37.277	ng	99
18) Hexachloroethane	8.963	117	149743	48.351	ng	98
19) n-Nitroso-di-n-propyla...	8.722	70	288905	38.103	ng	98
20) 3+4-Methylphenols	8.681	107	401908	37.370	ng	97
22) Acetophenone	8.734	105	550705	37.928	ng	99
24) Nitrobenzene	9.116	77	435714	38.865	ng	99
25) Isophorone	9.640	82	762984	37.854	ng	99
26) 2-Nitrophenol	9.822	139	188929	42.116	ng	98
27) 2,4-Dimethylphenol	9.881	122	253661	34.253	ng	100
28) bis(2-Chloroethoxy)met...	10.128	93	448260	39.851	ng	99
29) 2,4-Dichlorophenol	10.351	162	344378	41.691	ng	99
30) 1,2,4-Trichlorobenzene	10.563	180	392772	43.282	ng	98
31) Naphthalene	10.751	128	1025932	40.986	ng	99
32) Benzoic acid	10.051	122	234946	37.446	ng	98
33) 4-Chloroaniline	10.881	127	121194	10.657	ng	98
34) Hexachlorobutadiene	11.016	225	284436	43.101	ng	99
35) Caprolactam	11.687	113	92984	30.525	ng	98
36) 4-Chloro-3-methylphenol	12.004	107	365181	35.838	ng	98
37) 2-Methylnaphthalene	12.363	142	711055	36.593	ng	98
38) 1-Methylnaphthalene	12.581	142	673517	36.631	ng	99
40) 1,2,4,5-Tetrachloroben...	12.728	216	478760	47.694	ng	99
41) Hexachlorocyclopentadiene	12.693	237	509216	97.969	ng	97
43) 2,4,6-Trichlorophenol	12.975	196	293099	44.222	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.051	196	309524	39.204	ng	99
46)	1,1'-Biphenyl	13.375	154	951903	45.240	ng	99
47)	2-Chloronaphthalene	13.422	162	749182	45.873	ng	99
48)	2-Nitroaniline	13.634	65	228308	38.679	ng	99
49)	Acenaphthylene	14.263	152	1160729	43.868	ng	99
50)	Dimethylphthalate	14.016	163	894091	37.270	ng	100
51)	2,6-Dinitrotoluene	14.140	165	194451	37.662	ng	96
52)	Acenaphthene	14.604	154	673519	42.394	ng	99
53)	3-Nitroaniline	14.469	138	119735	23.428	ng	97
54)	2,4-Dinitrophenol	14.681	184	244750	72.722	ng	98
55)	Dibenzofuran	14.945	168	1110497	40.957	ng	99
56)	4-Nitrophenol	14.781	139	274635	68.694	ng	99
57)	2,4-Dinitrotoluene	14.928	165	257562	35.052	ng	97
58)	Fluorene	15.598	166	877820	39.919	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.169	232	266712	36.820	ng	100
60)	Diethylphthalate	15.381	149	846731	35.727	ng	100
61)	4-Chlorophenyl-phenyle...	15.592	204	480157	38.180	ng	100
62)	4-Nitroaniline	15.634	138	164419m	30.887	ng	
63)	Azobenzene	15.886	77	864374	39.177	ng	99
65)	4,6-Dinitro-2-methylph...	15.692	198	152819	42.314	ng	99
66)	n-Nitrosodiphenylamine	15.810	169	702697	46.024	ng	99
67)	4-Bromophenyl-phenylether	16.492	248	300124	45.617	ng	98
68)	Hexachlorobenzene	16.592	284	328693	46.325	ng	98
69)	Atrazine	16.781	200	249530	39.060	ng	99
70)	Pentachlorophenol	16.945	266	386833	73.759	ng	98
71)	Phenanthrene	17.345	178	1387479	48.853	ng	100
72)	Anthracene	17.439	178	1192044	41.115	ng	99
73)	Carbazole	17.716	167	968858	37.731	ng	99
74)	Di-n-butylphthalate	18.269	149	1197501	37.288	ng	100
75)	Fluoranthene	19.316	202	1397475	37.914	ng	100
77)	Benzidine	19.510	184	455687	43.074	ng	99
78)	Pyrene	19.669	202	1313034	51.891	ng	100
80)	Butylbenzylphthalate	20.557	149	443101	43.791	ng	96
81)	Benzo(a)anthracene	21.386	228	1121309	42.892	ng	100
82)	3,3'-Dichlorobenzidine	21.321	252	340108	33.921	ng	96
83)	Chrysene	21.439	228	1020460	41.658	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.321	149	608696	41.906	ng	99
85)	Di-n-octyl phthalate	22.263	149	998279	41.297	ng	100
87)	Indeno(1,2,3-cd)pyrene	26.368	276	1611545	50.417	ng	99
88)	Benzo(b)fluoranthene	23.086	252	1149520	41.295	ng	99
89)	Benzo(k)fluoranthene	23.133	252	1074851	39.372	ng	99
90)	Benzo(a)pyrene	23.721	252	1068432	40.163	ng	99
91)	Dibenzo(a,h)anthracene	26.392	278	1309523	48.733	ng	99
92)	Benzo(g,h,i)perylene	27.145	276	1295831	49.954	ng	99

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

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