Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071724\
Data File : BM046690.D
Acq On : 18 Jul 2024 05:11
Operator : MA/JU
Sample : SSTDICC080
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 18 05:58:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 18 05:50:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.486	152	81968	20.000	ng	0.00
21) Naphthalene-d8	10.251	136	311980	20.000	ng	0.00
39) Acenaphthene-d10	14.139	164	252475	20.000	ng	0.00
64) Phenanthrene-d10	16.892	188	594445	20.000	ng	0.00
76) Chrysene-d12	21.121	240	555586	20.000	ng	0.00
86) Perylene-d12	23.885	264	618350	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.134	112	657106	162.830	ng	0.00
7) Phenol-d6	6.698	99	838196	163.115	ng	0.00
23) Nitrobenzene-d5	8.639	82	972757	161.887	ng	0.00
42) 2,4,6-Tribromophenol	15.639	330	643002	164.194	ng	0.00
45) 2-Fluorobiphenyl	12.757	172	2769865	154.967	ng	0.00
79) Terphenyl-d14	19.545	244	5020432	163.412	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.140	88	96280	78.611	ng	98
3) Pyridine	3.510	79	296015m	82.246	ng	
4) n-Nitrosodimethylamine	3.428	42	218944	82.345	ng	100
6) Aniline	6.834	93	358279	80.671	ng	98
8) 2-Chlorophenol	7.069	128	361818	80.098	ng	99
9) Benzaldehyde	6.645	77	202281	64.486	ng	97
10) Phenol	6.722	94	400927	80.283	ng	97
11) bis(2-Chloroethyl)ether	6.934	93	295672	79.693	ng	99
12) 1,3-Dichlorobenzene	7.381	146	473229	79.321	ng	100
13) 1,4-Dichlorobenzene	7.522	146	483224	79.752	ng	98
14) 1,2-Dichlorobenzene	7.834	146	456879	79.152	ng	100
15) Benzyl Alcohol	7.739	79	337636	80.672	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.016	45	300539m	77.489	ng	
17) 2-Methylphenol	7.945	107	284721	80.047	ng	98
18) Hexachloroethane	8.551	117	178873	81.294	ng	98
19) n-Nitroso-di-n-propyla...	8.304	70	262261	80.846	ng	97
20) 3+4-Methylphenols	8.275	107	401591	82.178	ng	96
22) Acetophenone	8.310	105	573522	79.945	ng	100
24) Nitrobenzene	8.681	77	466387	79.155	ng	97
25) Isophorone	9.204	82	723218	80.027	ng	99
26) 2-Nitrophenol	9.375	139	234123	82.953	ng	98
27) 2,4-Dimethylphenol	9.457	122	249523	81.426	ng	97
28) bis(2-Chloroethoxy)met...	9.686	93	411335	79.842	ng	99
29) 2,4-Dichlorophenol	9.916	162	443462	80.567	ng	99
30) 1,2,4-Trichlorobenzene	10.122	180	538564	79.871	ng	99
31) Naphthalene	10.304	128	1244726	80.313	ng	100
32) Benzoic acid	9.651	122	323312	86.571	ng	97
33) 4-Chloroaniline	10.422	127	473212	81.948	ng	98
34) Hexachlorobutadiene	10.592	225	361230	79.193	ng	99
35) Caprolactam	11.233	113	126352m	86.677	ng	
36) 4-Chloro-3-methylphenol	11.569	107	422328	83.162	ng	99
37) 2-Methylnaphthalene	11.927	142	948641	80.605	ng	98
38) 1-Methylnaphthalene	12.151	142	944789	81.720	ng	99
40) 1,2,4,5-Tetrachloroben...	12.304	216	623748	75.972	ng	100
41) Hexachlorocyclopentadiene	12.286	237	177731	88.478	ng	97
43) 2,4,6-Trichlorophenol	12.557	196	420543	77.816	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.633	196	474345	78.720	ng		98
46) 1,1'-Biphenyl	12.963	154	1351859	76.961	ng		99
47) 2-Chloronaphthalene	12.998	162	1107549	76.261	ng		99
48) 2-Nitroaniline	13.216	65	309491	81.221	ng		98
49) Acenaphthylene	13.857	152	1615968	80.091	ng		99
50) Dimethylphthalate	13.616	163	1371986	78.576	ng		98
51) 2,6-Dinitrotoluene	13.727	165	326595	80.915	ng		97
52) Acenaphthene	14.204	154	1029777	79.590	ng		99
53) 3-Nitroaniline	14.057	138	303051	82.956	ng		96
54) 2,4-Dinitrophenol	14.263	184	189954	80.651	ng		99
55) Dibenzofuran	14.545	168	1739414	79.429	ng		98
56) 4-Nitrophenol	14.386	139	271951	85.784	ng		98
57) 2,4-Dinitrotoluene	14.521	165	487183	83.347	ng		98
58) Fluorene	15.198	166	1524738	81.466	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.780	232	441257	79.511	ng		99
60) Diethylphthalate	14.998	149	1423839	79.048	ng		100
61) 4-Chlorophenyl-phenyle...	15.198	204	801701	79.645	ng		99
62) 4-Nitroaniline	15.233	138	337284	81.887	ng		96
63) Azobenzene	15.492	77	1162732	79.505	ng		99
65) 4,6-Dinitro-2-methylph...	15.286	198	278210	90.067	ng		96
66) n-Nitrosodiphenylamine	15.415	169	1235270	80.129	ng		99
67) 4-Bromophenyl-phenylether	16.092	248	535072	79.703	ng		100
68) Hexachlorobenzene	16.204	284	649370	80.088	ng		96
69) Atrazine	16.386	200	379629	70.160	ng		96
70) Pentachlorophenol	16.551	266	476137	82.770	ng		99
71) Phenanthrene	16.933	178	2386631	80.846	ng		99
72) Anthracene	17.027	178	2371419	81.194	ng		99
73) Carbazole	17.304	167	2251822	81.475	ng		99
74) Di-n-butylphthalate	17.886	149	2488749	80.541	ng		100
75) Fluoranthene	18.962	202	3109998	81.984	ng		99
77) Benzidine	19.156	184	876958	78.882	ng		99
78) Pyrene	19.327	202	3191475	80.691	ng		99
80) Butylbenzylphthalate	20.256	149	1158033	81.055	ng		97
81) Benzo(a)anthracene	21.103	228	2967647	80.718	ng		99
82) 3,3'-Dichlorobenzidine	21.039	252	1041094	81.481	ng		99
83) Chrysene	21.162	228	2766210	80.698	ng		99
84) Bis(2-ethylhexyl)phtha...	21.062	149	1474711	77.399	ng		98
85) Di-n-octyl phthalate	22.121	149	2545812	79.271	ng		100
87) Indeno(1,2,3-cd)pyrene	26.985	276	3220263	80.382	ng	#	98
88) Benzo(b)fluoranthene	23.027	252	3082918	80.976	ng		99
89) Benzo(k)fluoranthene	23.085	252	2921700	81.305	ng		100
90) Benzo(a)pyrene	23.762	252	2701695	82.029	ng		99
91) Dibenzo(a,h)anthracene	27.038	278	2662468	80.070	ng		99
92) Benzo(g,h,i)perylene	27.944	276	2799382	81.586	ng		99

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

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