Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020724\
Data File : BP019596.D
Acq On : 07 Feb 2024 16:25
Operator : MA/JU
Sample : P1367-05MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EB-6-7-9MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/08/2024
Supervised By :mohammad ahmed 02/09/2024

Quant Time: Feb 07 16:59:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	79347	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	305013	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	211836	20.000	ng	-0.01
64) Phenanthrene-d10	17.292	188	498985	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	505525	20.000	ng	0.00
86) Perylene-d12	23.798	264	572996	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	543534	110.418	ng	0.00
7) Phenol-d6	7.075	99	741010	111.643	ng	-0.01
23) Nitrobenzene-d5	9.075	82	490516	69.685	ng	-0.01
42) 2,4,6-Tribromophenol	16.033	330	393959	127.373	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1149767	67.098	ng	-0.01
79) Terphenyl-d14	19.863	244	2211456	71.942	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	75203	39.653	ng	97
3) Pyridine	3.775	79	205081	39.885	ng	99
4) n-Nitrosodimethylamine	3.699	42	104897	46.858	ng	100
6) Aniline	7.240	93	193283	29.969	ng	99
8) 2-Chlorophenol	7.469	128	249732	49.415	ng	100
9) Benzaldehyde	7.052	77	78796m	16.933	ng	
10) Phenol	7.104	94	338911	51.231	ng	98
11) bis(2-Chloroethyl)ether	7.340	93	235913	45.838	ng	99
12) 1,3-Dichlorobenzene	7.793	146	273344	44.202	ng	98
13) 1,4-Dichlorobenzene	7.940	146	280236	44.729	ng	99
14) 1,2-Dichlorobenzene	8.251	146	269655	44.484	ng	99
15) Benzyl Alcohol	8.151	79	267696	50.477	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.434	45	235958	45.847	ng	99
17) 2-Methylphenol	8.351	107	220764	49.569	ng	99
18) Hexachloroethane	8.975	117	105141	43.296	ng	98
19) n-Nitroso-di-n-propyla...	8.722	70	209855	46.289	ng	100
20) 3+4-Methylphenols	8.681	107	304041	50.022	ng	99
22) Acetophenone	8.734	105	399373	45.961	ng	99
24) Nitrobenzene	9.116	77	313546	44.241	ng	99
25) Isophorone	9.640	82	566121	46.180	ng	100
26) 2-Nitrophenol	9.822	139	135982	50.320	ng	95
27) 2,4-Dimethylphenol	9.887	122	201603	58.343	ng	99
28) bis(2-Chloroethoxy)met...	10.134	93	324448	46.777	ng	99
29) 2,4-Dichlorophenol	10.351	162	269901	51.671	ng	97
30) 1,2,4-Trichlorobenzene	10.569	180	284575	44.433	ng	99
31) Naphthalene	10.757	128	751487	44.922	ng	99
32) Benzoic acid	10.040	122	201091	59.730	ng	97
33) 4-Chloroaniline	10.875	127	90370	14.608	ng	98
34) Hexachlorobutadiene	11.028	225	203692	42.918	ng	99
35) Caprolactam	11.663	113	87068	58.880	ng	99
36) 4-Chloro-3-methylphenol	11.998	107	306720	53.852	ng	98
37) 2-Methylnaphthalene	12.363	142	541847	46.804	ng	99
38) 1-Methylnaphthalene	12.581	142	518759	45.598	ng	98
40) 1,2,4,5-Tetrachloroben...	12.728	216	369093	45.178	ng	99
41) Hexachlorocyclopentadiene	12.698	237	404661	109.644	ng	99
43) 2,4,6-Trichlorophenol	12.969	196	249824	50.500	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.039	196	273313	50.314	ng	98
46) 1,1'-Biphenyl	13.375	154	760929	45.006	ng	99
47) 2-Chloronaphthalene	13.416	162	610717	44.003	ng	99
48) 2-Nitroaniline	13.628	65	200487	51.661	ng	100
49) Acenaphthylene	14.263	152	984166	50.544	ng	99
50) Dimethylphthalate	14.010	163	813134	50.142	ng	99
51) 2,6-Dinitrotoluene	14.128	165	175538	49.268	ng	97
52) Acenaphthene	14.604	154	554254	45.863	ng	98
53) 3-Nitroaniline	14.457	138	87997	26.875	ng	93
54) 2,4-Dinitrophenol	14.663	184	197641	106.838	ng	97
55) Dibenzofuran	14.939	168	958708	48.707	ng	100
56) 4-Nitrophenol	14.769	139	313781	116.918	ng	94
57) 2,4-Dinitrotoluene	14.916	165	253648	54.326	ng	99
58) Fluorene	15.586	166	784194	50.022	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.163	232	257815	56.425	ng	98
60) Diethylphthalate	15.381	149	838985	52.014	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	431952	49.022	ng	94
62) 4-Nitroaniline	15.622	138	180520	52.597	ng	98
63) Azobenzene	15.880	77	777010	49.815	ng	99
65) 4,6-Dinitro-2-methylph...	15.675	198	139354	48.978	ng	97
66) n-Nitrosodiphenylamine	15.810	169	694528	46.475	ng	98
67) 4-Bromophenyl-phenylether	16.486	248	277908	44.551	ng	97
68) Hexachlorobenzene	16.586	284	327507	44.960	ng	96
69) Atrazine	16.769	200	280679	56.601	ng	96
70) Pentachlorophenol	16.933	266	467347	103.022	ng	97
71) Phenanthrene	17.339	178	1273075	48.480	ng	99
72) Anthracene	17.427	178	1308471	49.950	ng	99
73) Carbazole	17.704	167	1166978	49.038	ng	100
74) Di-n-butylphthalate	18.263	149	1428244	49.636	ng	100
75) Fluoranthene	19.304	202	1601091	49.911	ng	99
77) Benzidine	19.492	184	758984	71.813	ng	99
78) Pyrene	19.657	202	1644799	46.101	ng	99
80) Butylbenzylphthalate	20.545	149	638993	47.959	ng	99
81) Benzo(a)anthracene	21.368	228	1726585	48.520	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	457199	35.258	ng	99
83) Chrysene	21.421	228	1598912	47.326	ng	100
84) Bis(2-ethylhexyl)phtha...	21.315	149	929134	45.796	ng	99
85) Di-n-octyl phthalate	22.257	149	1615751	45.264	ng	99
87) Indeno(1,2,3-cd)pyrene	26.321	276	2027844	46.234	ng	99
88) Benzo(b)fluoranthene	23.062	252	1717797	47.567	ng	99
89) Benzo(k)fluoranthene	23.115	252	1694853	49.131	ng	99
90) Benzo(a)pyrene	23.698	252	1563221	48.649	ng	99
91) Dibenzo(a,h)anthracene	26.356	278	1651906	45.793	ng	98
92) Benzo(g,h,i)perylene	27.098	276	1574147	43.013	ng	98

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

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