Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021224\
Data File : BP019668.D
Acq On : 12 Feb 2024 18:10
Operator : MA/JU
Sample : P1375-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

Quant Time: Feb 12 22:23:54 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	7.905	152	88043	20.000	ng		-0.01
21) Naphthalene-d8	10.704	136	302085	20.000	ng		-0.01
39) Acenaphthene-d10	14.540	164	179892	20.000	ng		-0.01
64) Phenanthrene-d10	17.298	188	410635	20.000	ng		0.00
76) Chrysene-d12	21.392	240	462988	20.000	ng		0.00
86) Perylene-d12	23.810	264	561488	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	687014	125.781	ng		0.00
7) Phenol-d6	7.081	99	814856	110.643	ng		0.00
23) Nitrobenzene-d5	9.081	82	646171	92.688	ng		0.00
42) 2,4,6-Tribromophenol	16.039	330	444441	169.211	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	1358159	93.333	ng		-0.01
79) Terphenyl-d14	19.863	244	2510960	89.190	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	78646	37.372	ng	#	59
3) Pyridine	3.799	79	173160	30.351	ng		99
4) n-Nitrosodimethylamine	3.711	42	106084	42.708	ng		99
6) Aniline	7.240	93	82616	11.545	ng		97
8) 2-Chlorophenol	7.469	128	258446	46.088	ng		96
9) Benzaldehyde	7.058	77	51635m	10.000	ng		
10) Phenol	7.110	94	294902	40.176	ng		99
11) bis(2-Chloroethyl)ether	7.346	93	252827	44.272	ng		97
12) 1,3-Dichlorobenzene	7.793	146	278161	40.538	ng		97
13) 1,4-Dichlorobenzene	7.946	146	284523	40.928	ng		99
14) 1,2-Dichlorobenzene	8.257	146	273556	40.670	ng		98
15) Benzyl Alcohol	8.157	79	269193m	45.746	ng		
16) 2,2'-oxybis(1-Chloropr...	8.434	45	242498	42.464	ng		99
17) 2-Methylphenol	8.357	107	215389	43.585	ng		99
18) Hexachloroethane	8.975	117	103371	38.362	ng		97
19) n-Nitroso-di-n-propyla...	8.728	70	206350	41.020	ng		98
20) 3+4-Methylphenols	8.687	107	287763	42.667	ng		98
22) Acetophenone	8.740	105	414003	48.107	ng	#	98
24) Nitrobenzene	9.122	77	314966	44.872	ng		99
25) Isophorone	9.646	82	561143	46.218	ng		100
26) 2-Nitrophenol	9.822	139	138132	51.611	ng		95
27) 2,4-Dimethylphenol	9.887	122	184431	53.891	ng		99
28) bis(2-Chloroethoxy)met...	10.134	93	321824	46.849	ng		100
29) 2,4-Dichlorophenol	10.357	162	259779	50.215	ng		96
30) 1,2,4-Trichlorobenzene	10.569	180	290071	45.730	ng		98
31) Naphthalene	10.757	128	751680	45.369	ng		100
32) Benzoic acid	10.040	122	164785	49.420	ng		96
33) 4-Chloroaniline	10.881	127	30947	5.051	ng		96
34) Hexachlorobutadiene	11.028	225	209885	44.652	ng		96
35) Caprolactam	11.675	113	66022	45.081	ng		98
36) 4-Chloro-3-methylphenol	12.004	107	270608	47.973	ng		99
37) 2-Methylnaphthalene	12.369	142	529020	46.139	ng		99
38) 1-Methylnaphthalene	12.587	142	498981	44.285	ng		99
40) 1,2,4,5-Tetrachloroben...	12.728	216	362472	52.246	ng		98
41) Hexachlorocyclopentadiene	12.698	237	249433	79.586	ng		97
43) 2,4,6-Trichlorophenol	12.975	196	223878	53.292	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	241291	52.307	ng	98
46) 1,1'-Biphenyl	13.381	154	712499	49.625	ng	99
47) 2-Chloronaphthalene	13.422	162	573062	48.622	ng	98
48) 2-Nitroaniline	13.634	65	174970	53.092	ng	97
49) Acenaphthylene	14.263	152	897077	54.252	ng	99
50) Dimethylphthalate	14.016	163	714285	51.868	ng	100
51) 2,6-Dinitrotoluene	14.134	165	153182	50.628	ng	95
52) Acenaphthene	14.604	154	506874	49.390	ng	99
53) 3-Nitroaniline	14.463	138	65602	23.593	ng	98
54) 2,4-Dinitrophenol	14.669	184	98597	62.763	ng	99
55) Dibenzofuran	14.939	168	859256	51.406	ng	99
56) 4-Nitrophenol	14.775	139	247447	108.574	ng	92
57) 2,4-Dinitrotoluene	14.922	165	217022	54.735	ng	98
58) Fluorene	15.592	166	690025	51.831	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.169	232	226757	58.440	ng	96
60) Diethylphthalate	15.381	149	688587	50.270	ng	100
61) 4-Chlorophenyl-phenyle...	15.592	204	383802	51.292	ng	96
62) 4-Nitroaniline	15.622	138	137989	47.345	ng	99
63) Azobenzene	15.887	77	657766	49.659	ng	97
65) 4,6-Dinitro-2-methylph...	15.681	198	69377	29.630	ng	96
66) n-Nitrosodiphenylamine	15.810	169	584517	47.529	ng	99
67) 4-Bromophenyl-phenylether	16.486	248	256393	49.946	ng	98
68) Hexachlorobenzene	16.586	284	299862	50.021	ng	98
69) Atrazine	16.775	200	233636	57.251	ng	97
70) Pentachlorophenol	16.939	266	427065	114.398	ng	99
71) Phenanthrene	17.339	178	1123814	52.003	ng	100
72) Anthracene	17.433	178	1149202	53.308	ng	100
73) Carbazole	17.710	167	1029780	52.583	ng	99
74) Di-n-butylphthalate	18.269	149	1160913	49.026	ng	99
75) Fluoranthene	19.310	202	1484771	56.243	ng	99
77) Benzidine	19.498	184	332988	34.401	ng	99
78) Pyrene	19.663	202	1562954	47.832	ng	99
80) Butylbenzylphthalate	20.551	149	574749	47.101	ng	96
81) Benzo(a)anthracene	21.374	228	1715878	52.649	ng	100
82) 3,3'-Dichlorobenzidine	21.310	252	553515	46.607	ng	99
83) Chrysene	21.427	228	1574254	50.877	ng	100
84) Bis(2-ethylhexyl)phtha...	21.316	149	827513	44.534	ng	100
85) Di-n-octyl phthalate	22.257	149	1514169	46.315	ng	100
87) Indeno(1,2,3-cd)pyrene	26.351	276	2177792	50.670	ng	98
88) Benzo(b)fluoranthene	23.074	252	1792259	50.646	ng	100
89) Benzo(k)fluoranthene	23.121	252	1714726	50.726	ng	100
90) Benzo(a)pyrene	23.710	252	1626491	51.656	ng	99
91) Dibenzo(a,h)anthracene	26.374	278	1805833	51.086	ng	98
92) Benzo(g,h,i)perylene	27.127	276	1717650	47.896	ng	99

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

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