Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
Data File : BF139635.D
Acq On : 03 Oct 2024 17:01
Operator : RC/JU
Sample : P4214-02MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

Quant Time: Oct 03 17:57:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	98769	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	380650	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	212684	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	394361	20.000	ng		0.00
76) Chrysene-d12	14.033	240	214591	20.000	ng		0.00
86) Perylene-d12	15.498	264	213119	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	767010	134.599	ng		0.02
7) Phenol-d6	6.510	99	953891	124.476	ng		0.00
23) Nitrobenzene-d5	7.434	82	742939	98.818	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	298804	145.537	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1318479	95.170	ng		0.00
79) Terphenyl-d14	12.975	244	1385550	105.944	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.846	88	118025	47.906	ng	#	81
3) Pyridine	3.552	79	265053	44.235	ng		99
4) n-Nitrosodimethylamine	3.493	42	207301	52.855	ng		97
6) Aniline	6.534	93	261970	38.524	ng	#	86
8) 2-Chlorophenol	6.657	128	322970	52.900	ng		98
9) Benzaldehyde	6.422	77	24568	6.052	ng		99
10) Phenol	6.522	94	368712	45.758	ng		93
11) bis(2-Chloroethyl)ether	6.604	93	336315	51.261	ng		98
12) 1,3-Dichlorobenzene	6.810	146	338886	49.341	ng		100
13) 1,4-Dichlorobenzene	6.887	146	346495	49.811	ng		99
14) 1,2-Dichlorobenzene	7.034	146	326685	50.109	ng		99
15) Benzyl Alcohol	7.016	79	323830	55.306	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	598051	52.655	ng		87
17) 2-Methylphenol	7.128	107	262154	51.434	ng		97
18) Hexachloroethane	7.375	117	132307	50.993	ng		96
19) n-Nitroso-di-n-propyla...	7.281	70	252617	51.274	ng		100
20) 3+4-Methylphenols	7.281	107	319057	49.838	ng		99
22) Acetophenone	7.281	105	461535	51.080	ng		98
24) Nitrobenzene	7.451	77	390225	50.125	ng		100
25) Isophorone	7.693	82	690904	51.740	ng		100
26) 2-Nitrophenol	7.763	139	179000	53.484	ng		97
27) 2,4-Dimethylphenol	7.804	122	258030m	62.978	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	406197	50.942	ng		100
29) 2,4-Dichlorophenol	8.010	162	273901	51.253	ng		98
30) 1,2,4-Trichlorobenzene	8.087	180	293582	48.577	ng		100
31) Naphthalene	8.169	128	980209	50.365	ng		99
32) Benzoic acid	7.940	122	219311	53.832	ng		94
33) 4-Chloroaniline	8.216	127	92114	13.983	ng		98
34) Hexachlorobutadiene	8.287	225	188187	48.116	ng		99
35) Caprolactam	8.604	113	77867m	44.424	ng		
36) 4-Chloro-3-methylphenol	8.710	107	315822	52.206	ng		100
37) 2-Methylnaphthalene	8.863	142	640460	50.527	ng		99
38) 1-Methylnaphthalene	8.963	142	594366	47.971	ng		100
40) 1,2,4,5-Tetrachloroben...	9.028	216	296515	50.206	ng		98
41) Hexachlorocyclopentadiene	9.010	237	347905	192.116	ng		98
43) 2,4,6-Trichlorophenol	9.140	196	209071	52.512	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.192	196	220635	51.387	ng	98
46)	1,1'-Biphenyl	9.328	154	803577	50.799	ng	99
47)	2-Chloronaphthalene	9.351	162	600713	50.655	ng	99
48)	2-Nitroaniline	9.451	65	230114	54.055	ng	99
49)	Acenaphthylene	9.769	152	984136	54.569	ng	100
50)	Dimethylphthalate	9.634	163	744170	53.451	ng	100
51)	2,6-Dinitrotoluene	9.692	165	161716	51.419	ng	98
52)	Acenaphthene	9.940	154	722073m	58.322	ng	
53)	3-Nitroaniline	9.863	138	109810	34.167	ng	98
54)	2,4-Dinitrophenol	9.975	184	209804	124.027	ng	99
55)	Dibenzofuran	10.110	168	900035	51.920	ng	99
56)	4-Nitrophenol	10.034	139	246209	100.456	ng	97
57)	2,4-Dinitrotoluene	10.098	165	218260	53.093	ng	96
58)	Fluorene	10.457	166	705912	51.128	ng	99
59)	2,3,4,6-Tetrachlorophenol	10.228	232	190573	54.954	ng	99
60)	Diethylphthalate	10.328	149	752876	52.354	ng	100
61)	4-Chlorophenyl-phenyle...	10.445	204	344267	49.840	ng	99
62)	4-Nitroaniline	10.481	138	164871	50.151	ng	98
63)	Azobenzene	10.604	77	757550	52.383	ng	99
65)	4,6-Dinitro-2-methylph...	10.510	198	131002	58.817	ng	95
66)	n-Nitrosodiphenylamine	10.569	169	629405	54.146	ng	99
67)	4-Bromophenyl-phenylether	10.934	248	207734	51.376	ng	96
68)	Hexachlorobenzene	10.998	284	232641	51.851	ng	99
69)	Atrazine	11.092	200	197238	63.241	ng	99
70)	Pentachlorophenol	11.198	266	286821	107.358	ng	98
71)	Phenanthrene	11.416	178	999176	53.735	ng	100
72)	Anthracene	11.469	178	1019896	55.443	ng	100
73)	Carbazole	11.622	167	918898	52.009	ng	99
74)	Di-n-butylphthalate	11.951	149	1142165	53.161	ng	99
75)	Fluoranthene	12.604	202	1032042	50.773	ng	100
77)	Benzidine	12.728	184	132369	34.971	ng	99
78)	Pyrene	12.833	202	1039922	54.183	ng	99
80)	Butylbenzylphthalate	13.445	149	399328	58.168	ng	98
81)	Benzo(a)anthracene	14.022	228	762431	54.040	ng	100
82)	3,3'-Dichlorobenzidine	13.980	252	187267	43.371	ng	99
83)	Chrysene	14.057	228	700472	54.305	ng	100
84)	Bis(2-ethylhexyl)phtha...	14.004	149	525215	61.268	ng	100
85)	Di-n-octyl phthalate	14.616	149	784327	62.278	ng	99
87)	Indeno(1,2,3-cd)pyrene	16.980	276	778912	62.096	ng	99
88)	Benzo(b)fluoranthene	15.069	252	696381	50.536	ng	98
89)	Benzo(k)fluoranthene	15.104	252	609678	52.158	ng	99
90)	Benzo(a)pyrene	15.439	252	626781	57.686	ng	99
91)	Dibenzo(a,h)anthracene	16.998	278	640835	61.596	ng	99
92)	Benzo(g,h,i)perylene	17.427	276	605208	58.003	ng	99

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

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