Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
Data File : BP015632.D
Acq On : 20 Jun 2023 21:00
Operator : MA/JU
Sample : 03080-21MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 20 23:43:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 15 05:36:46 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
DCFQ5MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	97313	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	423559	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.727	164	277360	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.486	188	676616	20.000	ng/ul	0.00
79) Chrysene-d12	21.568	240	658959	20.000	ng/ul	0.00
88) Perylene-d12	24.115	264	702844	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	7707	2.933	ng/uL	0.00
4) Pyridine-d5	3.857	84	31739	4.650	ng/ul	0.01
7) Phenol-d5	7.245	99	185989	20.746	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	114210	21.331	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	152906	23.524	ng/ul	0.00
15) 4-Methylphenol-d8	8.804	113	151115	20.538	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	80566	24.228	ng/ul	0.00
24) 2-Nitrophenol-d4	9.992	143	92569	24.376	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	168068	24.262	ng/ul	0.00
31) 4-Chloroaniline-d4	11.057	131	189591	19.067	ng/ul	0.00
46) Dimethylphthalate-d6	14.133	166	553933	25.327	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	599109	25.051	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	113291	28.925	ng/ul	0.02
60) Fluorene-d10	15.722	176	482735	26.174	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	100929	23.546	ng/ul	0.00
73) Anthracene-d10	17.586	188	874767	28.415	ng/ul	0.00
81) Pyrene-d10	19.810	212	897256	25.441	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.950	264	731047	20.730	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	20913	7.534	ng/uL#	84
5) Pyridine	3.875	79	55031	7.776	ng/ul	96
6) Benzaldehyde	7.216	77	139181m	40.616	ng/ul	
8) Phenol	7.275	94	216497	23.407	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.498	93	160774	21.986	ng/ul	99
12) 2-Chlorophenol	7.645	128	162053	23.597	ng/ul	98
13) 2-Methylphenol	8.534	108	153280	21.539	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.610	45	207747	21.438	ng/ul	98
16) Acetophenone	8.922	105	331921	28.267	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.898	70	142315	22.456	ng/ul	97
18) 4-Methylphenol	8.869	108	175030	22.355	ng/ul	99
19) Hexachloroethane	9.169	117	40475	13.947	ng/ul	97
22) Nitrobenzene	9.304	77	220508	25.005	ng/ul	97
23) Isophorone	9.834	82	411054	23.285	ng/ul	99
25) 2-Nitrophenol	10.022	139	102849	25.084	ng/ul	95
26) 2,4-Dimethylphenol	10.081	107	112774	12.970	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.310	93	226330	22.052	ng/ul	99
29) 2,4-Dichlorophenol	10.563	162	171191	24.855	ng/ul	99
30) Naphthalene	10.963	128	551691	24.037	ng/ul	100
32) 4-Chloroaniline	11.081	127	196201	19.070	ng/ul	99
33) Hexachlorobutadiene	11.233	225	113575	24.451	ng/ul	95
34) Caprolactam	11.869	113	63144	24.354	ng/ul	90
35) 4-Chloro-3-methylphenol	12.204	107	187577	22.477	ng/ul	99
36) 2-Methylnaphthalene	12.563	142	384390	23.823	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.780	142	392042	24.132	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.928	216	185630	21.493	ng/ul	100
40) Hexachlorocyclopentadiene	12.898	237	33918	9.581	ng/ul	99
41) 2,4,6-Trichlorophenol	13.169	196	152928	26.604	ng/ul	98
42) 2,4,5-Trichlorophenol	13.251	196	162471	25.937	ng/ul	97
43) 1,1'-Biphenyl	13.563	154	526913	24.566	ng/ul	98
44) 2-Chloronaphthalene	13.610	162	405787	24.113	ng/ul	98
45) 2-Nitroaniline	13.822	65	151872	28.198	ng/ul	97
47) Dimethylphthalate	14.180	163	559960	24.797	ng/ul	99
48) 2,6-Dinitrotoluene	14.310	165	121864	26.340	ng/ul	97
50) Acenaphthylene	14.451	152	637415	24.068	ng/ul	99
51) 3-Nitroaniline	14.645	138	118398	31.000	ng/ul	96
52) Acenaphthene	14.792	153	458532	25.047	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	54295	19.509	ng/ul	92
55) 4-Nitrophenol	14.963	109	104074	27.548	ng/ul	88
56) Dibenzofuran	15.127	168	669794	25.814	ng/ul	98
57) 2,4-Dinitrotoluene	15.104	165	184372	27.095	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.357	232	158318	27.992	ng/ul	98
59) Diethylphthalate	15.539	149	587978	25.405	ng/ul	99
61) Fluorene	15.774	166	557969	26.379	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.763	204	277750	26.054	ng/ul	98
63) 4-Nitroaniline	15.810	138	127440m	35.178	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.869	198	95479	21.840	ng/ul#	86
67) N-Nitrosodiphenylamine	15.980	169	480441	25.029	ng/ul	99
68) 4-Bromophenyl-phenylether	16.663	248	186335	25.742	ng/ul	96
69) Hexachlorobenzene	16.786	284	139760	16.368	ng/ul	97
70) Atrazine	16.939	200	191655	25.003	ng/ul	99
71) Pentachlorophenol	17.139	266	124324	25.760	ng/ul	99
72) Phenanthrene	17.527	178	943477	25.984	ng/ul	99
74) Anthracene	17.621	178	920315	24.980	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.533	216	174288	18.664	ng/uL	98
76) Pentachlorobenzene	15.045	250	175573	17.957	ng/uL	97
77) Carbazole	17.892	167	632851	19.077	ng/ul	99
78) Di-n-butylphthalate	18.415	149	1131988	26.895	ng/ul	100
80) Fluoranthene	19.486	202	1219114	28.378	ng/ul	96
82) Pyrene	19.839	202	828920	18.650	ng/ul	96
83) Butylbenzylphthalate	20.686	149	585614	29.810	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.474	252	286189	18.383	ng/ul	99
85) Benzo(a)anthracene	21.551	228	1240837	26.936	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.439	149	846202	29.143	ng/ul	99
87) Chrysene	21.609	228	1131030	25.975	ng/ul	98
89) Di-n-octyl phthalate	22.409	149	1479061	32.019	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	1165015	25.679	ng/ul	99
91) Benzo(k)fluoranthene	23.380	252	1126580	25.688	ng/ul	99
93) Benzo(a)pyrene	24.003	252	578193	14.617	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.815	276	893070	17.446	ng/ul	98
95) Dibenzo(a,h)anthracene	26.827	278	1078125	25.851	ng/ul	98
96) Benzo(g,h,i)perylene	27.644	276	543751	12.889	ng/ul	98

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

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